KECEIVED

ILIN U 8 2007

2 0 JUN 2007

PTO/SB/21 (07-06)

		Application Number	09	9/936,888
TRANSMITTAL Legal S FORM	taff Divisio	Filing Date	Se	eptember 3, 2002
FORM	D.171010	First Named Inventor	Br	enneman, Douglas E. RECEIVED
		Art Unit	16	346 JUN 1 3 2007
(to be used for all correspondence after initial filing,)	Examiner Name	Ur	nassigned JUN 13 2007
Total Number of Pages in This Submission	5	Attorney Docket Number	01	5280-377100US OFFICE OF PETITION
	ENC	CLOSURES (Check all th	at appl	
Fee Transmittal Form		Drawing(s)		After Allowance Communication to TC
Fee Attached	\Box	Licensing-related Papers		Appeal Communication to Board
	\square	•		of Appeals and Interferences Appeal Communication to TC
Amendment/Reply	$\stackrel{\smile}{\vdash}$	Petition Petition to Convert to a		(Appeal Notice, Brief, Reply Brief)
After Final		Provisional Application Power of Attorney, Revocation		Proprietary Information
Affidavits/declaration(s)		Change of Correspondence Ad	dress	Status Letter
Extension of Time Request		Terminal Disclaimer		Other Enclosure(s) (please identify below):
Express Abandonment Request		Request for Refund		Copies of 9 Exhibits; A copy of the Declaration and a Return Postcard
Information Disclosure Statement		CD, Number of CD(s)		
		Landscape Table on CD		
Certified Copy of Priority	Rema	rks The Commissioner is		ized to charge any additional fees to Deposit
Document(s)		Account 20-1430.		
Reply to Missing Parts/ Incomplete Application				
Reply to Missing Parts				
under 37 CFR 1.52 or 1.53				
SIGNATI	105.4	OF ADDITION ATTOR	NEV	OD A OFNIT
Firm Name	URE	OF APPLICANT, ATTOR	NEY,	OR AGENT
Townsend and Townse	nd an	d Crew LLP		
Signature	16	2011		
Printed name	<u> </u>	WEN		
Annette S. Parent				
Date 6/5/07		Reg. N	10.	42,058
CEF	RTIFIC	CATE OF TRANSMISSIC	N/MA	AILING
				ed States Postal Service with sufficient Patents, P.O. Box 1450, Alexandria, VA
Signature				
Typed or printed name Jessie M. Kelly		0		Date WEIGH

JUN U 8 2007 Ale

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

On 6-5-07

TOWNSEND and TOWNSEND and CREW LLP

By: Jessie M. Kelly

<u>PATENT</u>

Docket No.: 015280-377100US

Client Ref. No.: E-286-98/4

RECEIVED

JUN 1 3 2007

OFFICE OF PETITIONS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Douglas E. Brenneman, et al.

Application No.: 09/936,888

Filed: September 3, 2002

For: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH

ADNF POLYPEPTIDES

Confirmation No.: 2917

Examiner:

Unassigned

Art Unit:

1646

PETITION UNDER 37 C.F.R. § 1.181(a) TO WITHDRAW HOLDING OF ABANDONMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants respectfully petition under 37 C.F.R. § 1.181(a) to withdraw the holding of abandonment for the above-referenced patent application for alleged failure to provide a proper declaration.

The facts are as follows:

- 1. The above-referenced application was filed on September 3, 2002 under the provisions of 35 U.S.C. § 371.
- On November 28, 2001 the United States Patent a Trademark
 Office (USPTO) mailed a Notification of Missing Requirements

- Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) (Exhibit A).
- 3. On September 12, 2001 we responded to the Notification of Missing Requirements (Exhibit B).
- 4. On July 17, 2002 the USPTO issued a Communication indicating that the Declaration filed on September 12, 2001 is improper (Exhibit C).
- On July 5, 2002, Applicants filed a copy of the September 12,
 2001 Declaration with supporting documents attached (Exhibit D).
- On August 2, 2002, the USPTO mailed a Notification of Defective Response indicating the Declaration submitted on September 12, 2001 is insufficient. (Exhibit E).
- 7. On August 15, 2002, the USPTO issued a Communication indicating that both of the Declaration submissions on September 12, 2001 and July 5, 2002 are improper (Exhibit F). It also indicates that the USPTO awaits a response to the Notification of Defective Response mailed on August 2, 2002.
- 8. On August 26, 2002, Applicants filed a Response to the Notification of Defective Response mailed on August 2, 2002. (Exhibit G).
- 9. The USPTO mailed a Notice of Acceptance of Application Under 35 U.S.C. 371 and 37 CFR 1.494 or 1.495 on September 24, 2002 (Exhibit H).
- 10. The USPTO mailed a Filing Receipt on September 24, 2002 (Exhibit I).

REMARKS

The undersigned attorney has never received a Notice of Abandonment or an Office Action in the instant application. The assistant to undersigned attorney discovered, while completing a status check in the above-referenced application, that the application was listed as abandoned in USPTO PAIR. After a telephone call to the USPTO to determine the status of the application, the assistant was notified by the examiner that the above-referenced application was abandoned. The records stated that the abandoned status was due to failure to respond to the Notification of Defective Response Post Card dated August 2, 2002 (Exhibit G). However, the Applicants submitted a Response to the Notice of Defective Response on-August-26,-2002. The—attached Response (Exhibit G) was date stamped by the USPTO on September 3, 2002. Shortly after the Response was filed, the USPTO mailed a Notice of Acceptance dated September 24, 2002 (Exhibit H) and a Filing Receipt dated September 24, 2002 (Exhibit I).

Applicants respectfully petition under 37 C.F.R. § 1.181(a) to withdraw the holding of abandonment due to a United States Patent and Trademark Office error.

Should the petition to withdraw holding of abandonment not be granted, Applicants petition in the alternative to revive the above-referenced application under 37 C.F.R. § 1.137(b) as unintentionally abandoned for failure to timely respond to the Notification of Defective Response dated August 2, 2002. Applicants request revival of the application and submit the required response in the form of executed formal documents. Applicants herewith:

If necessary, the Commissioner is authorized to deduct the petition fee, pursuant to 37 C.F.R. § 1.17(m), in the amount of \$1500.00 for a large entity, and authorize payment of the missing parts fee in the amount of \$130.00 for a large entity pursuant to 37 C.F.R. § 1.16(e) from Deposit Account No. 20-1430 of the undersigned. The utility application filing fee was already paid upon filing the application. If necessary, please also charge any required extension of time fee to Deposit Account No. 20-1430 of the undersigned.

Please charge any additional fees or credit overpayment to the above deposit account.

CONCLUSION

If a telephone conference would expedite consideration of this matter, the Examiner is invited to telephone the undersigned at (925) 472-5000.

Respectfully submitted,

Annette S. Parent Reg. No. 42,058

TOWNSEND and TOWNSEND and CREW LLP

Two Embarcadero Center, Eighth Floor San Francisco, California 94111-3834 Tel: (415) 576-0200

Fax: (415) 576-0300

ASP:jmk

61064445 v1

EXHIBIT A



UNITED STATES PATENT AND TRADEMARK OFFICE

Cosmissioner for Patients, Box PCT United States Patient and Trademark Office Washington, CcC., 2023

 U.S. APPLICATION NUMBER NO.
 FIRST NAMED APPLICANT
 ATTY. DOCKET NO.

 09/936,888
 Douglas Brenneman
 015280-377100US

 INTERNATIONAL APPLICATION NO.

 PCT/US00/06364

 LA. FILING DATE
 PRIORITY DATE

 Annette S. Parent

Annette S. Parent Townsend &Townsend & Crew Two Embarcadero Center, 8th Floor San Francisco, CA 94111

CONFIRMATION NO. 2917 371 FORMALITIES LETTER

0000000007019473

Date Mailed: 11/28/2001

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- · U.S. Basic National Fees
- Priority Document
- · Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- · Copy of the International Search Report
- Request for Immediate Examination

RECEIVED

JUN 1 3 2007

OFFICE OF PETITIONS

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application
 by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

• \$130 Late oath or declaration Surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

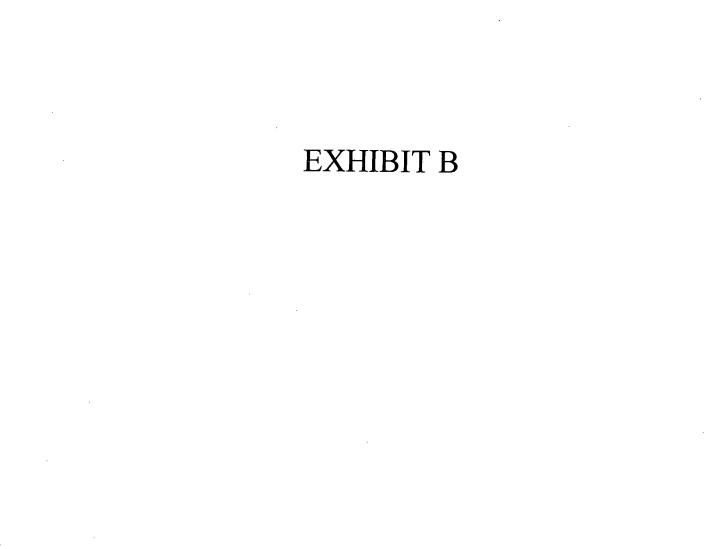
PAULETTE R KIDWELL

Telephone: (703) 305-3656

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/936,888	PCT/US00/06364	015280-377100US

. 2



RECEIVED

JUN 1 3 2007

OFFICE OF PETITIONS

BOX PCT (National Phase) PATENT APPLICATION FILING ACKNOWLEDGMENT

Mailing Date: September 12, 2001

Express Mail Label No.: EL 394871695 US

File No.: <u>015280-377100US</u>

Attorney: Amette S. Parent/kji

Inventor(s): BRENNEMAN et al.

Title: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL

DEATH WITH ADNF POLYPEPTIDES

☐ Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing under 35 U.S.C. 371, w/authorization to charge fee (+duplicate);

Declarations and Powers of Attorney of Douglas Brenneman and Catherine Y. Spong;

Declarations of Illana Gozes, Meray Bassan, and Rachel Zamostiano;

Appointment of Associate Attorneys and Agents;

Statement under 37 C.F.R. §3.73(b); and

□ Change of Correspondence Address.

Please stamp date of receipt of the enclosed documents and return this card to addressee

BOX PCT (National Phase) PATENT APPLICATION FILING ACKNOWLEDGMENT

Mailing Date: September 12, 2001

Express Mail Label No.: EL 394871695 US

Attorney: Annette S. Parent/kji

rue _15280-377100US

Title: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL

DEATH WITH ADNF POLYPEPTIDES

Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)

Concerning a Filing under 35 U.S.C. 371, w/authorization to charge fee (+duplicate); Declarations and Powers of Attorney of Douglas Brenneman and Catherine Y. Spong;

Declarations of Illana Gozes, Merav Bassan, and Rachel Zamostiano;

Appointment of Associate Attorneys and Agents;

Statement under 37 C.F.R. §3.73(b); and

Change of Correspondence Address.

09/936888

1 2 SEP 2001 JC03 Rec'd PCT/PTO

Please stamp date of receipt of the enclosed documents and return this card to addressee

RECEIVED

JUN 1 3 2007

OFFICE OF PETITIONS

EL394871695US



POST OFFICE TO ADDRESSEE



EL394871695US

	ONLY)		DELIVERY (POSTAL USE ONLY)	<u>5</u> 6
ZIP Code	Day of Delivery	Flat Rate Envelope	Delivery Attempt Time Employee Signature	⊇ ≝
				3 🗐
A In	Next Second	Postage	Mo. Day AM PM Delivery Attempt Time Employee Signature	Label 11-F July 1997
e In		Ostage		<u> </u>
	12 Noon 3 PM	\$	Mo. Day AM PM	<u>ğ</u>
o. Day Year In	Military	Return Receipt Fee	Delivery Date Time Employee Signature	בַ <u>ק</u>
	2nd Day 3rd Day	, ictain isosipi , so		2
□ AM □ PM	Jb	COD Fee Insurance	Siatus of Addresses of Agent	
ght	Int'l Alpha Country Code	COD Fee Insurance	a ree	
lbs. ozs.			X	
Delivery Holiday	Acceptance Clerk Initials	Total Postage & Fees	Name - Please Print	
Weekend Holiday		\$	X	
STOMER USE ONLY HOD OF PAYMENT:	W0/100/	· Im w	WAIVER OF SIGNATURE (Domestic Only): Additional merchandise insurance is void if waiver of signature is requested.	871
ress Mail Corporate Acct. No.	X941886	I /	wish delivery to be made without obtaining signature of addressee or addressee's agent (if delivery employee judges I	J.,
			hat article can be left in secure location) and I authorize that delivery employee's signature constitutes valid proof of delivery	E26
ral Agency Acct. No. or al Service Acct. No.			DELIVERY Weekend Holiday Customer Signature	ተነን
ROM: (PLEASE PRINT)	PHONE (415) 5	76-0200	TOLOURO	7
	PHONE (TTT)			1
TOUNCEND	& TOWNSEND	& CREW		
2 EMBARCA				•
SAN_EDALLA	ULNU LIB	₫ .		
JAN.				
***		EXP	RESS	
				92
OOT OFF	ICE	MAIL		1 €
OST OFF	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	UNITED STATES POSTAL	EL394871695US	July 1997
	SSEE	Oldings	The same of the sa	<u> </u>
O ADDRE	STATE OF THE PARTY	Flat Rate Envelope		ב ב
RIGIN (POSTAL USE	Day of Delivery	10 1 mag 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SEE REVERSE SIDE FOR	Label .
ZIP Code	No.		SEE REVERSE SIDE IMITS	ٽ <u>ب</u>
, may				u)
OUT HA	1000	Postage	BUCE GUARANTEE AND LINE	ä
24/04/	1000	10.4	SEE REVERSE SIDE IN SERVICE GUARANTEE AND LIMITS SERVICE GUARANCE COVERAGE	Customer Label 11-F
24/04/	12 Noon	s 7.0	SERVICE GUARANTEE AND LINE ON INSURANCE COVERAGE	Š
24/04/		10.4	ON INSURANCE 33	Š
ate fr	Addition of the second of the	S Return Receipt Fee	ON INSURANCE SO	Š
ate fr	Military 2nd Day 3rd Day	s 7.0	ON INSURANCE SO	Ď
ate m	Addition of the second of the	\$ Return Receipt Fee COD Fee Insurance	ON INSURANCE 99	je.
no fin Joey Year med in AM ANGIGHT	Military 2nd Day 3rd Day PM Int'l Alpha Country Code	Return Receipt Fee COD Fee Insurant	ON INSURANCE SO CA GARAGE	je.
to fin hosy vear making the hosy vear hosy vea	Military 2nd Day 3rd Day PM Int'l Alpha Country Code	Return Receipt Fee COD Fee Insurant	ON INSURANCE SO CA GARAGE	8
he in he vest me in hoey vest me in hoe	Milliary and Day and Day Int'l Alpha Country Code Acceptance Clerk Initials	Return Receipt Fee COD Fee Insurant	ON INSURANCE 99 SEP SEP SEP SEP SEP SEP SEP S	8
te in Dey Year Me in	Milliary and Day and Day Int'l Alpha Country Code Acceptance Clark Initials	Return Receipt Fee COD Fee Insurant	ON INSURANCE 99 SEP SEP SEP SEP SEP SEP SEP S	8
No Delivery Weekend Holiday	Milliary and Day and Day Int'l Alpha Country Code Acceptance Clark Initials	Return Receipt Fee COD Fee Insurant Total Postage & Fees \$	ON INSURANCE SED CA SEP WAVER OF SIGNATURE (Comestic Only): Admitional merchanded meurance is separated delivery employee judges and additional properties of additional	8
he in hosy year me in hosidal hose hose hose hose hose hose hose hose	Milliary and Day and Day PM Int'l Alpha Country Code Acceptance Clerk Bittals	Return Receipt Fee COD Fee Insuran Total Postage & Fees \$	ON INSURANCE 9 SEP WAIVER OF SIGNATURE (Domestic Only): Administration of additional merchanded insurance is sequent in delivery employed judges without obtaining such additional or additional sequent in delivery employed judges without obtaining such additional properties of additional sequent in delivery employed judges that article can be left in security in a such additional properties of the additional propertie	8
The In John Year me in John John John John John John John Joh	Milliary and Day and Day PM Int'l Alpha Country Code Acceptance Clerk Bittals	\$ Return Receipt Fee COD Fee Insurance Total Postage & Fees \$	ON INSURANCE 9 SEP WAIVER OF SIGNATURE (Domestic Only): Administration of additional merchanded insurance is sequent in delivery employed judges without obtaining such additional or additional sequent in delivery employed judges without obtaining such additional properties of additional sequent in delivery employed judges that article can be left in security in a such additional properties of the additional propertie	8
The In John Year me in John John John John John John John Joh	Milliary and Day and Day Int'l Alpha Country Code Acceptance Clark Initials X 941886	Return Receipt Fee COD Fee Insurant Total Postage & Fees \$	ON INSURANCE SEP WAVER OF SIGNATURE (Comestic Only): Admitious merchandes insurance is signer in delivery employee urges represented that ancie can be left in security and admitious obtaining such signature in delivery employee urges that ancie can be left in security in a surance of the security of	8
Ibs. OZS. No Delivery Weekend Holiday Wellow A Col. No. Or Poetal Agency, Acct. No. Or Poetal Service Acct. No.	Milliany and Day and Day PM Int'l Alpha Country Code Acceptance Clerk initials X 941886	\$ Return Receipt Fee COD Fee Insurant Total Postage & Fees \$ 576-0200	ON INSURANCE SEP WAVER OF SIGNATURE (Comestic Only): Admitious merchandes insurance is signer in delivery employee urges represented that ancie can be left in security and admitious obtaining such signature in delivery employee urges that ancie can be left in security in a surance of the security of	b FT
Ine In July Vear In July	Milliany and Day and Day PM Int'l Alpha Country Code Acceptance Clerk initials X 941886	\$ Return Receipt Fee COD Fee Insurant Total Postage & Fees \$ 576-0200	ON INSURANCE SEP WAVER OF SIGNATURE (Comestic Only): Admitious merchandes insurance is signer in delivery employee urges represented that ancie can be left in security and admitious obtaining such signature in delivery employee urges that ancie can be left in security in a surance of the security of	b FT
Inse in John Year Inse in John John John John John John John Joh	Milliary and Day and Day Int'l Alpha Country Code Acceptance Clerk initials X 941886	Return Receipt Fee COD Fee Insurant Total Postage & Fees \$ 576-0200	ON INSURANCE OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission in requested: WANVER OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission of admission and insurance of admission and insura	b FT
Inse in John Year Inse in John John John John John John John Joh	Milliary and Day and Day Int'l Alpha Country Code Acceptance Clerk initials X 941886	Return Receipt Fee COD Fee Insurant Total Postage & Fees \$ 576-0200	ON INSURANCE OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission in requested: WANVER OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission of admission and insurance of admission and insura	b FT
Ine In Day Year In Day	Milliany and Day 3rd Day PM Int'l Alpha Country Code Acceptance Clerk initials 3	Return Receipt Fee COD Fee Insurant Total Postage & Fees \$ 576-0200	ON INSURANCE OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission in requested: WANVER OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission of admission and insurance of admission and insura	b FT
Ine In John Vear John Meight John Meight John Meight John Method of Parment Express Mail Corporate Acct. No. or Postal Service Acct. No. or FROM: (PLEASE PRINT TOWN SEA 2 EMB A F	MILITARY DAY STATE DAY INT'I Alpha Country Code Acceptance Clerk initials X 941886 PHONE 415 ACA DERO CTR ANCISCO	Return Receipt Fee COD Fee Insurant Total Postage & Fees \$ 576-0200 NO & CREW FL 8 CA 94111	ON INSURANCE OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission in requested: WANVER OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission of admission and insurance of admission and insura	FT
TOWNSEN	MILITARY DAY STATE DAY INT'I Alpha Country Code Acceptance Clerk initials X 941886 PHONE 415 ACA DERO CTR ANCISCO	Return Receipt Fee COD Fee Insurant Total Postage & Fees \$ 576-0200 NO & CREW FL 8 CA 94111	ON INSURANCE OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission in requested: WANVER OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission of admission and insurance of admission and insura	FT
TOWNSEN TOWNSEN TOWNSEN TOWNSEN TOWNSEN TOWNSEN TOWNSEN TOWNSEN SAN FR.	Milliary and Day 3rd Day 1 3rd Day 1 3rd Day 1 3rd Day 2 3rd Day 2 3rd Day 3rd Day 2 3rd Day 3rd D	Return Receipt Fee COD Fee Insurant Total Postage & Fees \$ 576-0200 NO & CREW FL 8 CA 94111	ON INSURANCE OF SIGNATURE (Domestic Only): Administrating in requested (SEP) WANVER OF SIGNATURE (Domestic Only): Administrating in requested (SEP) WANVER OF SIGNATURE (Domestic Only): Administrating in requested (SEP) WAST delivery to be made without obtaining stockers and satisfy an administration on the left in security of law in the state of the security of the security of law in the state of law in	b FT
Ine In Day Year In	Milliary and Day 3rd Day 1 3rd Day 1 3rd Day 1 3rd Day 2 3rd Day 2 3rd Day 3rd Day 2 3rd Day 3rd D	Return Receipt Fee COD Fee Insurant Total Postage & Fees \$ 576-0200 NO & CREW FL & CA 94111	ON INSURANCE SEP SEP Walver of Signature (Cornestic Only): Admitigate merchanded insurance is segon in delivery employee judges of adding segon in delivery employee judges in the delivery of the secure location and taking to had admit segon in delivery employee judges in the delivery of the secure location and taking the segon in the delivery segon in secure location and taking the segon in the segon i	b FT
TOWNSEN TOWNSEN TOWNSEN TOWNSEN TOWNSEN TOWNSEN TOWNSEN TOWNSEN TOWNSEN SAN FR	Milliary and Day 3rd Day 1 3rd Day 1 3rd Day 1 3rd Day 2 3rd Day 2 3rd Day 3rd Day 2 3rd Day 3rd D	Return Receipt Fee COD Fee Insurant Total Postage & Fees \$ 576-0200 NO & CREW FL & CA 94111	ON INSURANCE OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission in requested: WANVER OF SIGNATURE (Comestic Only): Admission merchandist insurance is admission of admission and insurance of admission and insura	b FT

	RCE PATENT AND TRADEMARK OFFICE	ATTORNEY 'S DOCKET NUMBER				
(REV. 11-2000) TD A NICMITTAL LETTER	015280-377100US					
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)				
CONCERNING A FILING	`	Unknown				
		PRIORITY DATE CLAIMED				
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	March 12, 1999				
PCT/US00/06364	March 10, 2000					
TITLE OF INVENTION PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES						
PREVENTION OF FETAL ALCOHOL	SYNDROME AND NEURONAL CELL I	DEATH WITH ADM POLYPEPTIDES				
APPLICANT(S) FOR DO/EO/US						
Douglas BRENNEMAN, Catherine Y	7. Spong, Illana Gozes, Merav Bassan,	and Rachel Zamostiano				
Applicant herewith submits to the United St	ates Designated/Elected Office (DO/EO/US)	the following items and other information:				
	as concerning a filing under 35 U.S.C. 371.					
	NT submission of items concerning a filing t					
	ational examination procedures (35 U.S.C. 3					
(5), (6), (9) and (21) indicated below	'.					
	ration of 19 months from the priority date (A	article 31).				
5. A copy of the International Applicat	· · · · · · · · · · · · · · · · · · ·					
	only if not communicated by the Internation	al Bureau).				
b. has been communicated by						
	cation was filed in the United States Receivir	ig Office (RO/US).				
	he International Application as filed (35 U.S.					
a. is attached hereto.						
_	ted under 35 U.S.C. 154(d)(4).					
	ternational Application under PCT Article 19) (35 U.S.C. 371(c)(3)).				
	d only if not communicated by the Internatio					
b. have been communicated by						
	ver, the time limit for making such amendmen	nts has NOT expired.				
d. 🛛 have not been made and wi						
	he amendments to the claims under PCT Art	icle 19 (35 U.S.C. 371 (c)(3)).				
9. An oath or declaration of the invento	or(s) (35 U.S.C. 371(c)(4)).					
	he annexes of the International Preliminary I	Examination Report under PCT				
Items 11 to 20 below concern docu	ment(s) or information included:	·				
11. An Information Disclosure Statemer						
	ing. A separate cover sheet in compliance w	rith 37 CFR 3.28 and 3.31 is included.				
13. A FIRST preliminary amendment.	<u> </u>					
14. A SECOND or SUBSEQUENT preliminary amendment.						
15. A substitute specification.						
16. A change of power of attorney and/o	or address letter.					
	quence listing in accordance with PCT Rule	13ter.2 and 35 U.S.C. 1.821 - 1.825.				
18. A second copy of the published inte						
	age translation of the international applicatio	n under 35 U.S.C. 154(d)(4).				
20. ☑ Other items or information:						
EXPRESS MAIL NO. EL394871695US:	Declarations and Powers of Attorney of Dou	iglas Brenneman and Catherine Y. Spong;				
Declarations of Illana Gozes, Merav Bassar	n, and Rachel Zamostiano; Appointment of A	Associate Attorneys and Agents; Statement				
under 37 C.F.R. §3.73(b); Change of Corre	spondence Address; and Return Receipt Post	icaru.				

page 1 of 2

RECEIVED

EXPRESS MAIL NO. EL 394871695 US

	lication no. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.			015280-377100	
Unknown		PCT/US00/06364			TO USE ONLY
	ng fees are submitted:	CALCULATIONS F	TO OSE ONE I		
	FEE (37 CFR 1.492(A) (1) eliminary examination fee (
Neither international pro	fee (37 CFR 1.445(a)(2)) p	3/ CFK 1.492) aid to USPTO			
and International Search	Report not prepared by the	e EPO or JPO	\$1000.00		
International preliminar	y examination fee (37 CFR al Search report prepared by	1.482) not paid to			
International preliminar USPTO but internationa	y examination fee (37 CFR al search fee (37 CFR 1.445	1.482) not paid to (a)(2)) paid to USPTO	\$710.00		
International preliminar USPTO but all claims d	y examination fee (37 CFR id not satisfy provisions of	1.482) paid to PCT Article 33(1)-(4)	\$690.00		
International preliminar USPTO and all claims s	y examination fee (37 CFR atisfied provisions of PCT	1.482) paid to Article 33(1)(4)	\$100.00		_
	ER APPROPRIATE BAS			\$690.00	
Surcharge of \$130.00 for months from the earlies	or furnishing the oath or dec t claimed priority date (37 (claration later than 20 CFR 1.492(e)).	30	s	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	33 - 20 =	13	x \$18.00	\$234.00	<u> </u>
Independent claims	3 -3 =	0	x \$80.00 + 270.00	\$0	
MULTIPLE DEPENDE	ENT CLAIM(S) (if applicat	F ABOVE CALCUL		\$234.00	
Applicant claim	s small entity status. Se				
above are reduce			+	\$	
		SUE	BTOTAL =	\$924.00	·
	00 for furnishing the Englis t claimed priority date (37 (20 🔲 30	\$	
		TOTAL NATION	AL FEE =	924.00	
	nclosed assignment (37 CFF ropriate cover sheet (37 CF			\$	
		TOTAL FEES ENC	LOSED =	\$924.00	
				Amount to be refunded:	\$
				charged:	s
			i. analogad		1.*
. —	he amount of \$			- de aleman Cana	
	ge my Deposit Account No.				
c. 🛛 The Commisoverpaymen	ssioner is hereby authorized It to Deposit Account No. <u>2</u>	l to charge any additional fe <u>0-1430</u> . A duplicate copy o	es which may b of this sheet is e	be required, or credit any nclosed.	
d. Fees are to b	e charged to a credit card.	WARNING: Information	on this form ma	ay become public. Credi	t card
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an app 1.137(a) or (b) must b	propriate time limit under e filed and granted to rest	t, a petition to revive (37	CFR		
SEND ALL CORRESPONDENCE TO:					
Annette S. Parent					
Townsend and Townse	nd and Crew LLP			Annette S. Pa	arent
Two Embarcadero Cen				NAME	
San Francisco, CA 941	,				
San Francisco, CA 34	•••			42,058	· · · · · · · · · · · · · · · · · · ·
1				REGISTRATION	N NOWREK

DECLARATION AND POWER OF A TTORNEY

Ay residence, post of upject matter white MDROME AND 100 as PCT International Period and above. I acknow applications(s) for pertificate having a	NEURONAL CELL Interest and the NEURONAL CELL Interest and the content of the cont	renship are as stated below or which a patent is sould DEATH WITH ADNF POI. PCT/US00/06364, and whats of the above identified stose information which is a second of the application on which of the application on which	YPER ich cor specific material y bene have a	resp atio to ts	ES, the specification onding U.S. nations in including the clathe examination of under fitle 35, Unidentified below any	ims, as an	pplication rended b cation in	y any amer accordance	rewith. Indinent refer with Title of any for	crred c 37, -
Trior Foreign App Country	ijication(*)	Application No.		Date	of Filing		Priority C Under 35	Daimed USC 119		
				-			Yes 🗌	No 🗌		
							Yes 🗌	No 🗆]	
hereby claim the	Application No.	United States Code § 119(e) of ar	1		onal applic	ation(s)	listed belov	v:	
			-							
Instigr of each of t	the claims of this appli	ed States Code, Section 12 cation is not disclosed in the 112, I acknowledge the cod between the filing date of		¥	سائما المالية	andian of	defined	in Title 31	, Coac or	roude
Application No		Date of Filing					lulus			-
09/267,511		12 March 1999			Patented	Pend	ing [Abando		\dashv
					Patented	Pend		Abande	<u> </u>	\dashv
					Palented	Pend	ling	Aband	onea	

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Fealth and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Robert Benson, Reg. No. 33,612 Steven M. Ferguson, Reg. No. 38,448 James C. Haight, Reg. No. 25,588 John P. Kim, Reg. No. 38,514 Susan S. Rucker, Reg. No. 35,762 David R. Sadowski, Rcg. No. 32,808 Jack Spiegel, Reg. No. 34,477 036408541; Best Available Copy

Attorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4

Send Correspondence to Appointed Associate Attorney or Agent ddress:

Direct Telephone Calls and Facsimiles to Appointed Associate

Attorney or Agent:

Annette S. Parent TOWNSEND and TOWNSEND and CREW LLP

Two Embarcadero Center, 8th Floor San Francisco, CA 94111-3834

Name: Annette S. Parent Reg. No.: 42,058 Telephone: 415/576-0200 Fax: 415/576-0300

		:			
full Name of Inventor 1	Lust Name BRENNEMAN	First Name DOUGLAS	·	Middle Name or Init	<u> </u>
Residence &	City Damascus	State/Foreign Co Maryland	untry	Country of Citizensh United States	
Citizenship Post Office	Post Office Address 10601 Santa Anita Terrace	City Damascus		State/Country Maryland	Zip Codc 20872
Address Full Name	Last Name	First Name CATHERINE		Middle Name or Ini	tial
of Inventor 2 Residence &	City	State/Porcign ©	ountry	Country of Citizens United States	
Citizenship Post Office	Post Office Address	City Arlington		State/Country Virginia	Zip Code 22207
Address Full Name	3857 North Rixey Street Last Name	First Name		Middle Name or Ir	ntial
of Inventor 3 Residence &	City	State/Foreign	ountry	Country of Citizer Israel	
Citizenship Post Office	Ramat Hasharon Post Office Address	City Ramat Hashi	ron	State/Country Israel	Zip Code
Address Full Name	14 Hamel Street Last Name	First Name MERAV		Middle Name or I	nitial
of Inventor 4 Residence &	City	State/Foreign Israel	Country	Country of Citize	nship
Citizenship Post Office	Post Office Address	City Givat Poleg,	Netania	State/Country Israel	Zip Code
Address Full Name	Lust Name	First Name RACHEL		Middle Name or	[nitial
of Inventor 5 Residence &	ZAMOSTIANO	State/Forcign	Country	Country of Citiz	
Post Office Address	Post Office Address 17 Yeshurou Street	City Hod Hasha	n	State/Country Israel	Zip Code

Best Available Copy Aug-9-01 10:59PM; Page 4 Sent By: HP LaserJet 3100; Attorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4 I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jee pardize the validity of the application or any patent issuing thereon. Signature of Inventor 3 Signature of Inventor 2 ignature of Inventor 1 Illana Gozes Catherine Y. Spong Douglas E. Brenneni p Date Date Date 08/09/01 Signature of Inventor 5 Signature of Inventor 4 Rachel Zamostiano Meray Basson Date Date **§**F 1251798 v1

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
	CUSPY	
Dauglas E. Brenneman Date	Catherine Y. Spung Date 09/11/01	Illana Gozes Dote

Signature of Inventor 4	Signature of Inventor 5
Meray Bassaa	Rachel Zamostiano
Date	Date

SF 1251796 v1

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Fealth and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Robert Benson, Reg. No. 33,612 Steven M. Ferguson, Reg. No. 38,448 James C. Haight, Reg. No. 25,588 John P. Kim, Reg. No. 38,514 Susan S. Rucker, Reg. No. 35,762 David R. Sadowski, Reg. No. 32,808 Jack Spiegel, Reg. No. 34,477

Send Correspondence to Appointed Associate Attorney or Agent Address:

Best Available Copy

Direct Telephone Calls and Facsimiles to Appointed Associate

Annette S. Parent TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Ceuter, 8th Floor San Francisco, CA 94111-3834 Attorney or Agent:
Name: Annette S. Parent

Reg. No.: 42,058 Telephone: 415/576-0200 Fax: 415/576-0300

		:61			
full Name	Last Name BRENNEMAN	First Name DOUGLAS		Middle Name or Init	<u> </u>
of Inventor 1 Residence &	City Damascus	State/Forcign C	untry	Country of Citizens United States	
Citizenship Post Office	Post Office Address 10601 Santa Anita Terrace	City Damascus		State/Country Maryland	Zip Codc 20872
Address Full Name of Inventor 2	Last Name SPONG	First Name CATHERINE		Middle Name or In	
Residence &	City Arlington	State/Forcign C Virginia	ountry	Country of Citizens United States	
Citizenship Post Office	Post Office Address 3857 North Rixey Street	City Arlington		State/Country Virginia	Zip Code 22207
Address Full Name	Last Name GOZES	First Name ILLANA	•	Middle Name or Ir	nitial
of Inventor 3 Residence &	City Ramat Hasharon	State/Foreign	Country	Country of Citizen Israel	ship
Post Office	Post Office Address 14 Hamel Street	City Ramat Hash	ron	State/Country Israel	Zip Code
Address Full Name of Inventor 4	Last Name BASSAN	First Name MERAV		Middle Name or L	nitial
Residence & Citizenship	City Hod Hasharon	State/Foreign Israel	Country	Country of Citize	
Post Office Address	Post Office Address 15A Ziporen Street	City Givat Poleg,	Vatania	State/Country Israel	Zip Code
Full Name of Inventor 5	Lust Name ZAMOSTIANO	First Name RACHEL		Middle Name or	<u> </u>
Residence &	City Hod Hasharon	State/Forcign	Country	Country of Citizenses	
Post Office Address	Post Office Address 17 Yeshuron Street	City Hod Hashar	on	State/Country Israel	Zip Code
Address	1				•

Best Available Copy sent By: HP LaserJet 3100; Aug-9-01 10:59PM; Page 4 Attorney Docket No. 015280-377100US DHHS Rcf No. E-286-98/4 I firther declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are be lieved to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeepardize the validity of the application or any patent issuing thereon. Signature of Inventor 3 Signature of Inventor 2 ignature of Inventor 1 Illana Gozes Catherine Y. Spong Douglas E. Brennenilp Date bate 08/09/01 Date Signature of Inventor 5 Signature of Inventor 4 Rachel Zamostiano Meray Basson Date Date SF 1251798 v1

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are purishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
	CUBA	
Douglas E. Brenneman Date	Catherine Y. Spong O Date 09/11/01	Illana Gozes Date

Signature of Inventor 4	Signature of Inventor 5
Merav Bassin Date	Rachel Zamostiano Date

SF 1251798 v1

RECEIVED

JUN 1 3 2007

DECLARATION

OFFICE OF PETITIONS

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES, the specification of which was filed in the PCT on 10 March 2000 as PCT International Application No. PCT/US00/06364, and which corresponding U.S. national phase application is filed herewith.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37. Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119	
			Yes No 🗌	
			Yes No 🗌	

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
09/267,511	12 March 1999	Patented Pending Abandoned
03/20/,311		Patented Pending Abandoned
		Patented Pending Abandoned

Full Name of Inventor 1	Last Name BRENNEMAN	First Name pouglas	Middle Name or Initial E.		
Residence & Citizenship	City Damascus	State/Foreign Country Maryland	Country of Citizens United States	Country of Citizenship United States	
Post Office Address	Post Office Address 10601 Santa Anita Terrace	City Damascus	State/Country Maryland	Zip Code 20872	
Pull Name of Inventor 2	Last Name SPONG	First Name CATHERINE	Middle Name or Initial Y.		
Residence & Citizenship	City Arlington	State/Foreign Country Virginia	Country of Citizenship United States		
Post Office Address	Post Office Address 3857 North Rixey Street	City Arlington	State/Country Zip Code Virginia Zip Code 22207		
Full Name	Last Name GOZES	First Name ILLANA	Middle Name or Initial		
Residence & Citizenship	City Ramat Hasharon	State/Foreign Country Israel	Country of Citizenship Israel		
Post Office Address	Post Office Address 14 Hamel Street	City Ramat Hasharon	State/Country Israel	Zip Code	
Full Name of Inventor 4	Last Name BASSAN	First Name MERAV	Middle Name or Initial		
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizenship Israel		
Post Office Address	Post Office Address 15A Ziporen Street	City Givat Poleg, Natania	State/Country Israel	Zip Code	
Full Name of Inventor 5	Last Name ZAMOSTIANO	First Name RACHEL	Middle Name or Initial		
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizenship Israel		
Post Office Address	Post Office Address 17 Yeshuron Street	City Hod Hasharon	State/Country Israel	Zip Code	

TOWNSEND&TOWNSEND&CREW

Attorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Datc	Catherine Y. Spong Date	Tilana Gozes 8/23/01

Signature of Inventor 4	Signature of Inventor 5	
Merav Bassan Date	Rachel Zamostiano Date	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are pumishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor I	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Datc	Catherine Y. Spong Date	Illana Gozes Date . 3 0

Signature of Inventor 4	Signature of Inventor 5
4.	
Ricom Mercel	Rachel Zamostiano
Merav Bassan Date 08/28/01	Date Damostiano

DHHS Ref No. E-286-98/4

Attorney Docket No. 015280-377100US

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Datc	Catherine Y. Spong Date	Illana Gozes Date \$\int 23 0

Signature of Inventor 4	Signature of Inventor 5
	11/260125/1
Merav Bassan Date	Rachel Zamostiano Date 9/2/04

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES, the specification of which was filed in the PCT on 10 March 2000 as PCT International Application No. PCT/US00/06364, and which corresponding U.S. national phase application is filed herewith.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37. Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
		·	Yes No
			Yes No
·	under Title 35, United States Code § 11	9(e) of any United States provision	onal application(s) listed below:

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing		Status		
09/267,511	12 March 1999	Patented	Pending	Abandoned	
		☐ Patented	Pending	Abandoned	
	·	☐ Patented	Pending	☐ Abandoned	

Full Name of Inventor 1	Last Name BRENNEMAN	First Name DOUGLAS	Middle Name or Ini	tial
Residence & Citizenship	City Damascus	State/Foreign Country Maryland	Country of Citizens United States	hip
Post Office Address	Post Office Address 10601 Santa Anita Terrace	City Damascus	State/Country Maryland	Zip Code 20872
Full Name of Inventor 2	Last Name SPONG	First Name CATHERINE	Middle Name or Initial Y.	
Residence & Citizenship	City Arlington	State/Foreign Country Virginia	Country of Citizenship United States	
Post Office Address	Post Office Address 3857 North Rixey Street	City Arlington	State/Country Virginia	Zip Code 22207
Full Name of Inventor 3	Last Name GOZES	First Name ILLANA	Middle Name or Initial	
Residence & Citizenship	City Ramat Hasharon	State/Foreign Country Israel	Country of Citizenship Israel	
Post Office Address	Post Office Address 14 Hamel Street	City Ramat Hasharon	State/Country Israel	Zip Code
Full Name of Inventor 4	Last Name BASSAN	First Name MERAV	Middle Name or Initial	
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizens Israel	ship
Post Office Address	Post Office Address 15A Ziporen Street	City Givat Poleg, Natania	State/Country Israel	Zip Code
Full Name of Inventor 5	Last Name ZAMOSTIANO	First Name RACHEL	Middle Name or Initial	
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizenship Israel	
Post Office Address	Post Office Address 17 Yeshuron Street	City Hod Hasharon	State/Country Israel	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Datc	Catherine Y. Spong Date	Illana Gozes Date \$\frac{1}{23} \ 0

Signature of Inventor 4	Signature of Inventor 5
Merav Bassan Date	Rachel Zamostiano Date

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Datc	Catherine Y. Spong Date	Illana Gozes Date

Signature of Inventor 4	Signature of Inventor 5
Russiam Meral	
Meray Bassan Date 08/28/01	Rachel Zamostlano Date

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Datc	Catherine Y. Spong Date	Illana Gozes

Signature of Inventor 4	Signature of Inventor 5
	11/060125 /
Merav Bassan Datc	Rachel Zamostiano Date 9/2/0/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

BRENNEMAN et al.

Application No.: Unassigned

Filed: Herewith

For: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Examiner: Unassigned

Art Unit: Unassigned

APPOINTMENT OF ASSOCIATE
ATTORNEYS AND AGENTS BY
PRINCIPAL ATTORNEY OR AGENT
UNDER 37 CFR §1.34(b) AND
MPEP 402.02

Under 37 CFR §1.34(b) and MPEP 402.02, the undersigned principal attorney or agent of record hereby appoints the following representatives from the law firm of TOWNSEND and TOWNSEND and CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834, telephone: (415) 576-0200, as associate attorneys and/or patent agents in this application with full powers to prosecute this case and to transact all business in the Patent and Trademark Office connected therewith:

Philip H. Albert, Reg. No. 35,819 Hector A. Alicea, Reg. No. 40,891 Scott L. Ausenhus, Reg. No. 42,271 Kevin L. Bastian, Reg. No. 34,774 Guy Chambers, Reg. No. 30,617 M. Henry Heines, Reg. No. 28,219 Laurence J. Hyman, Reg. No. 35,551 William Michael Hynes, Reg. No. 24,168 William B. Kezer, Reg. No. 37,369

Dated: Sept. 12, 2001

Jeffrey J. King, Reg. No. 38,515
Joe Liebeschuetz, Reg. No. 37,505
Jean Lockyer, Reg. No. 44,879
Annette S. Parent, Reg. No. 42,058
Steven W. Parmelee, Reg. No. 31,990
Brian W. Poor, Reg. No. 32,928
William M. Smith, Reg. No. 30,223
Andrew T. Serafini, Reg. No. 41,303
Joseph R. Snyder, Reg. No. 39,381
Eugenia Garrett-Wackowski, Reg. No. 37,330
Kenneth A. Weber, Reg. No. 31,667

Respectfully submitted,

United States Department of Health and

Human Services

Susan S. Rucker, Reg. No. 35,762 Office of Technology Transfer National Institutes of Health

6011 Executive Boulevard, Suite 325

Rockville, Maryland 20852 Telephone: (301) 496-7056

EXPRESS MAIL NO. EL 394871695 US

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Applicants: Douglas E. Brenneman, Catherine Y. Spong, Illana Gozes, Merav Bassan, and Rachel Zamostiano
Application No.: Unassigned Filed: Herewith
For: Prevention of Fetal Alcohol Syndrome and Neuronal Cell Death with ADNF Polypeptides
United States Department of Health and Human Services, a government agency (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
certifies that it is assignee of the patent application identified above by virtue of either:
A. X An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel, Frame(s), or for which a copy thereof is attached. OR
B A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:
1. From:To:
The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
2. From: To:
The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
3. From: To:
The document was recorded in the Patent and Trademark Office at
Reel, Frame, or for which a copy thereof is attached.
Additional documents in the chain of title are listed on a supplemental sheet.
Copies of assignments or other documents in the chain of title are attached.
The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.
I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.
Date : September 12, 2001
Name : Susan S. Rucker
Title : Patent Advisor
Signature: 5801 cm

SF 1252518 v1

ASSIGNMENT

JOINT

WHEREAS, Wc, Douglas E. Brenneman of 10601 Santa Anita Terrace, Damascus, Maryland, a citizen of the United States; Catherne Y. Spong of 3857 North Rixey Street, Arlington, Virginia, a citizen of the United States Illana Gozes of 14 Hamel Street, Ramat Hasharon, Israel, a citizen of Israel; Merav Bassan of 15A Ziporen Street, Givat Poleg, Natania, Israel, a citizen of Israel; and Rachel Zamostiano of 17 Yeshuron Street, Hod Hasharon, Israel, a citizen of Israel; all inventors being employees of the Department of Health and Human Services at the time the invention was made, have invented PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH VITH ADNF POLYPEPTIDES, for which an application to the Assistant Commissioner for Patents for grant of Letters Patents of the United States of America has been executed by the undersigned

on (date(s) Declaration signed):

is identified as U.S. Patent Application: Serial No.

Filed; and

WHEREAS, the conditions under which said invention was made are such as to entitle the Government of the United States of America under paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States of America is desirous of acquiring all domestic and foreign right, title, and interest in the aforesaid invention described in the aforesaid application for Letters Patent of the United States of America; and

NOW, THEREFORE, to all whom it may oncern, be it known that for and in consideration of the premises and other valuable considerations we the undersigned, have sold, assigned, and transferred and by these presents do sell, assign, and transfer unto The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and his successors, the full and exclusive right, title, and interest throughout the United States of America, is territories and dependencies, and within each and every foreign country in which THE GOVER (MENT elects to file the invention described in the aforesaid application for Letters Patent of the United States of America, and all Letters Patents and Registrations which may be granted on the same in the United States of America and all countries throughout the world, and to claim the priority from the application as provided by the

NOT FOR RECORDATION

Paris Convention, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof

AND, we hereby authorize and request the Assistant Commissioner for Patents to issue said Letters Patent to THE GOVERNMENT as assignce of the entire right, title, and interest in and to the same throughout the United States of America, it territories and dependencies, and within each and every foreign country in which THE GOVERNMENT elects to file, for the sole use for the full term or terms for which said Letters Patent and Registrations may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof which may be granted as fully and entirely as the same would have been held by us, had this assignment not been made;

AND, we hereby warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied with respect to the aforesaid application for Letters Patent which will impair, limit, or abridge the interest herein conveyed at the time of the execution of this instrument by us;

AND, we hereby agree to execute any and all applications for Letters Patent in the United States of America and foreign countries, and to furn sh and deliver to the Secretary, Department of Health and Human Services, upon request, all data and documents, and to execute any papers which may be necessary for the prosecution of any application or applications of Letters Patent or for THE GOVERNMENT to exercise its rights granted creunder, including communicating to THE GOVERNMENT, its representatives or agents, any facts relating to said invention, including evidence for interference purposes, or for other proceedings, whenever requested, to testify in any interference or other proceedings, whenever requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns, and we shall assist THE GOVERNMENT in every way as may be requested in protecting said invention, provided that any expense of extending such assistance shall be paid by THE GOVERNMENT.

The undersigned hereby grants THE GOVERNMENT or the law firm of Townsend and Townsend and Crew LLP, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated. auglas E. Brenneman STATE OF Mary Cara On august 24, 2001, before me Dangland C. Welsh, Notary Public Break nothere insert name and title of the officer), personally appeared Dougles to brentenen, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/shc/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument. WITNESS my hand and official seal. Signature Jrudy C. Welsh

Molany Pablic

My Commission Experies

May 1, 2003 (Seal)

(4Bo	9.11-01
Catherine Y.Spong	(Date)
STATE OF Manyland	
COLINTY OF Montgonery	
to me on the basis of satisfactory evidence	to he the person(s) whose name(s) is/are subscribed to me that he/she/they executed the same in his/her/their r/their signature(s) on the instrument the person(s), or the
WITNESS my hand and official scal.	
	Signature Mudy C. Welst
	- They Commission Expires
(Seil)	May 1, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:) Examiner: Unassigned
BRENNEMAN et al.) Art Unit: Unassigned
Application No.: Unassigned) CHANGE OF CORRESPONDENCE ADDRESS ACCORDING TO
Filed: Herewith) ADDRESS ACCORDING TO) MPEP 403(a) and 403.01
For: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL)))
DEATH WITH ADNF POLYPEPTIDES	RECEIVED
Assistant Commissioner for Patents	JUN 1 3 2007
Washington, D. C. 20231	OFFICE OF PETITIONS
Sir: Please address all future corresp	ondence in this case to:
A C.D	4

Annette S. Parent

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor

San Francisco, California 94111-3834

Telephone: (415) 576-0200 Facsimile: (415) 576-0300

Dated: September 12, 2001

Respectfully submitted,

United States Department of Health and Human Services

By_

Susan S. Rucker

Reg. No.: 35,762

Office of Technology Transfer National Institutes of Health

6011 Executive Boulevard, Suite 325

Rockville, Maryland 20852 Telephone: (301) 496-7056

EXPRESS MAIL NO. EL 394871695 US

EXHIBIT C

Commissioner for Patents
United States Patent and Trademark Office
Washington, D.C. 20231

Annette S. Parent Townsend and Townsend and Crew LLP Two Embarcadero Center, 8th Floor San Francisco, CA 94111

In re Application of BRENNEMAN et al

U.S. Application No.: 09/936,888

Int. Application No.: PCT/US00/06364

Int. Filing Date: 10 March 2000 Priority Date: 12 March 1999

Attorney Docket No.: 015280-377100US

For: PREVENTION OF FETAL ALCOHOL

SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES

COMMUNICATION

RECEIVED

JUN 1 3 2007

OFFICE OF PETITIONS

This application is before the PCT Legal Office for consideration of issues arising under 35 U.S.C. 371.

BACKGROUND

On 10 March 2000, applicant filed international application PCT/US00/06364, which claimed priority of an earlier United States application filed 12 March 1999. A Demand for international preliminary examination, in which the United States was elected, was filed on 18 September 2000, prior to the expiration of nineteen months from the priority date. Accordingly, the thirty-month period for paying the basic national fee in the United States expired at midnight on 12 September 2001.

On 12 September 2001, applicant filed national stage papers in the United States Designated/Elected Office (DO/EO/US). The submission was accompanied by, *inter alia*, the basic national fee required by 35 U.S.C. 371(c)(1) and executed declarations.

On 28 November 2001, the DO/EO/US mailed a Notification of Missing Requirements Under 35 U.S.C. 371, which indicated that an oath or declaration in compliance with 37 CFR 1.497 must be filed.

DISCUSSION

The declarations filed 12 September 2001 are improper. Specifically, at least one of the declarations contains more than one "Page 3 of 3". It is not sufficient to supply only the signature page of a declaration. The Notification of Missing Requirements mailed 28 November 2001 did not specify this defect. Applicant must furnish either: 1) a single complete declaration which is presented to and executed by all of the inventors or 2) multiple complete declarations, each of which is executed by at least one of the inventors.

CONCLUSION

For the reasons above, the Notification of Missing Requirements mailed 28 November 2001 is hereby <u>VACATED</u>.

The application is being forwarded to the DO/EO/US for processing in accordance with this decision, including preparation of a new Notification of Missing Requirements Under 35 U.S.C. 371 (Form PCT/DO/EO/905) along with a Notification of a Defective Oath or Declaration (Form PCT/DO/EO/917) stating that the declarations filed 12 September 2001 are improper for the reasons set forth in this communication.

Bryan Tung

PCT Legal Examiner

PCT Legal Office

Telephone: 703-308-6614 Facsimile: 703-308-6459

EXHIBIT D

FORM PTO-1390 U.S. DEPARTMENT OF COMME (REV. 11-2000)	RCE PATENT AND TRADEMARK OFFICE	ATTORNEY 'S DOCKET NUMBER				
TRANSMITTAL LETTER	TO THE UNITED STATES	015280-377100US				
DESIGNATED/ELECTE	D OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)				
CONCERNING A FILIN		09/936,888				
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
PCT/US00/06364	March 10, 2000	March 12, 1999				
TITLE OF INVENTION						
PREVENTION OF FETAL ALCOHOL	SYNDROME AND NEURONAL CELL D	EATH WITH ADNF POLYPEPTIDES				
APPLICANT(S) FOR DO/EO/US Douglas BRENNEMAN, Catherine Y	7. Spong, Illana Gozes, Merav Bassan,	and Rachel Zamostiano				
Applicant herewith submits to the United St	ates Designated/Elected Office (DO/EO/US)	the following items and other information:				
1. 🔲 This is a FIRST submission of item	ns concerning a filing under 35 U.S.C. 371.					
2. 🛛 This is a SECOND or SUBSEQUE	NT submission of items concerning a filing u	nder 36 U.S.C. 371.				
3. This is an express request to begin n (5), (6), (9) and (21) indicated below	ational examination procedures (35 U.S.C. 37	71(f). The submission must include items				
•	ration of 19 months from the priority date (A	rticle 31)				
5. A copy of the International Applicat		itiole 31).				
	only if not communicated by the International	J Puranu)				
b. has been communicated by		ii Burcau).				
	cation was filed in the United States Receiving	a Office (BO/LIS)				
	ne International Application as filed (35 U.S.)					
a. is attached hereto.	the international Application as thed (33 0.3.)	C. 371(C)(2)).				
	red under 35 U.S.C. 154(d)(4).					
	, , , ,	(25 H 5 C 2517) (22)				
	ernational Application under PCT Article 19					
	d only if not communicated by the Internation	ial Bureau).				
b. have been communicated by						
	er, the time limit for making such amendmen	ts has NOT expired.				
d. have not been made and wil						
	ne amendments to the claims under PCT Artic					
	r(s) (35 U.S.C. 371(c)(4)). [Please see below					
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	ne annexes of the International Preliminary E.	xamination Report under PCT				
Items 11 to 20 below concern docu	Items 11 to 20 below concern document(s) or information included:					
11. An Information Disclosure Statemen	t under 37 CFR 1.97 and 1.98.					
12. An assignment document for recording	12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. A FIRST preliminary amendment.						
14. A SECOND or SUBSEQUENT preli	minary amendment.					
15. A substitute specification.						
16. A change of power of attorney and/or	r address letter.					
17. A computer-readable form of the seq	uence listing in accordance with PCT Rule 13	Ster.2 and 35 U.S.C. 1.821 – 1.825.				
18. A second copy of the published intern						
19. A second copy of the English language		under 35 U.S.C. 154(d)(4).				
20. Other items or information: App	licants previously submitted the required]	Declarations. Enclosed are copies from				
our EXPRESS MAIL NO. EL394871695U	S filing to the PTO with the Declarations a	and Powers of Attorney of Douglas				
Brenneman and Catherine Y. Spong; Decl	larations of Illana Gozes, Meray Bassan, ai	nd Rachel Zamostiano: Express Mail				
Receipt; and Return Receipt Postcard. Th	ierefore, Applicants believe that <u>NO FEE</u>]	IS DUE.				

	09/936,888		CT/US00/06364		015280-37710	
	21. The follow	ving fees are submitted:			CALCULATIONS	PTO USE ONLY
	BASIC NATIONAL	L FEE (37 CFR 1.492(A) (1)) – (5)):			
	Neither international	preliminary examination fee (37 CFR 1.492)		1	
	nor international search	ch fee (37 CFR 1.445(a)(2)) p	aid to USPTO	*****		
	and International Sear	rch Report not prepared by the	e EPO or JPO	\$1000.00		
•	International prelimin	ary examination fee (37 CFR	1.482) not paid to			
	USPTO but Internation	onal Search report prepared by	the EPO of JPO	\$860.00		
,	International mealimin	ary examination fee (37 CFR	1.400)			
	USPTO but internation	onal search fee (37 CFR 1.445	(a)(2)) not paid to	\$710.00	1	
	1					
	International prelimin	ary examination fee (37 CFR	1.482) paid to			
	USPTO but all claims	did not satisfy provisions of	PCT-Article 33(1)-(4)	\$690.00		
	International prelimin	ary examination fee (37 CFR	1.482) paid to			
•	USPTO and all claims	s satisfied provisions of PCT	Article 33(1)(4)	\$100.00		
	EN	ITER APPROPRÏATE BAS	IC FEE AMOUNT -		\$	
	Surcharge of \$130.00	for furnishing the oath or dec	laration later than 20	T 30	J	
	months from the earlie	est claimed priority date (37 C	CFR 1.492(e)).		\$0	
	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
	Total claims	33 - 20 =	13	x \$18.00	\$0	
	Independent claims	3 -3 = DENT CLAIM(S) (if applicab	0	x \$80.00	\$0	
	MOLTIFLE DEFENI		ABOVE CALCULA	+ 270.00	\$0 \$0	
	Applicant clair	ms small entity status. See	37 CED 1 27. The food	indicated	\$0	
	above are redu	ced by 1/2.	57 CFR 1.27. The lees	+	\$	
			CYID			
	D	0.00.0		TOTAL =	\$0	
	months from the earlie	0.00 for furnishing the Englishest claimed priority date (37 C	h translation later than 🔲 2	0 📙 30	\$	
			TOTAL NATION	AT DEED -		
	T f 1 - 1	1 1 (05.077)			0	
	accompanied by an an	enclosed assignment (37 CFR propriate cover sheet (37 CFF	1.2(h)). The assignment m	ust be operty +	\$	
* * * * * * * * * * * * * * * * * * *					\$0	
	Miraeli (00000034 03	9年6年	TOTAL FEES ENCI	TOPED =	Ф О	
10 10.164	136.60 Ca	•			Amount to be	\$
					refunded: charged:	
					chargeu.	\$0.
		the amount of \$				•
		ge my Deposit Account No.				•
	c. 🛚 The Comm overpaymen	issioner is hereby authorized nt to Deposit Account No. 20	to charge any additional fee -1430. A duplicate copy of	s which may be this sheet is en	e required, or credit any closed.	,
·	d. 🔲 Fees are to	be charged to a credit card. V	WARNING: Information o	n this form may	v become public. Cred	it card
	informatio	n should not be included on	this form. Provide credit of	ard information	n and authorization on l	PTO-2038.
					•	
	NOTE: Where an ap	propriate time limit under 3	37 CFR 1.494 or 1.495 has	not been met,	a petition to revive (3	7 CFR
	1.137(4) or (b) must b	e filed and granted to restor	re the application to pendi	ng status.	0 10	$I \cap I$
	SEND ALL CORRESI	ONDENCE TO.			The HI	1 Par L
	DEND ALE CORRES	ONDENCE TO:	•		SIGNATURE	1 vara
	Annette S. Parent				SIGNATURE	
	Townsend and Townse	nd and Crew LLP			A	
	Two Embarcadero Cen				Annette S. Pa	arent
	San Francisco, CA 941	•		•	NAME	•
	,				12.050	
,					42,058	N NI IMPER
	* EODA DEO 1300 (11 200)				REGISTRATION	A LACINIDEN

FORM PTO-1390 (rev 11-2000) page 2 of 2 SF 1310160 v1

BOX PCT (National Phase) PATENT APPLICATION FILING ACKNOWLEDGMENT

Mailing Date: September 12, 2001

Express Mail Label No.: EL 394871695 US

File No.: 015280-377100US

Attorney: Annette S. Parent/kji

Inventor(s): BRENNEMAN et al.

Title: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL **DEATH WITH ADNF POLYPEPTIDES**

- ☐ Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing under 35 U.S.C. 371, w/authorization to charge fee (+duplicate);
- Declarations and Powers of Attorney of Douglas Brenneman and Catherine Y. Spong;
- Declarations of Illana Gozes, Merav Bassan, and Rachel Zamostiano:
- Appointment of Associate Attorneys and Agents;
- Statement under 37 C.F.R. §3.73(b); and

Change of Correspondence Address.

Please stamp date of receipt of the enclosed documents and return this card to addressee

BOX PCT (National Phase) PATENT APPLICATION FILING ACKNOWLEDGMENT

Mailing Date: September 12, 2001

Express Mail Label No.: EL 394871695 US

rue _15280-377100US

Attorney: Annette S. Parent/kji

Inventor(s): BRENNEMAN et al. Title: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES

- ☑ Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing under 35 U.S.C. 371, w/authorization to charge fee (+duplicate); Declarations and Powers of Attorney of Douglas Brenneman and Catherine Y. Spong;
- Declarations of Illana Gozes, Merav Bassan, and Rachel Zamostiano;
- Appointment of Associate Attorneys and Agents;
- Statement under 37 C.F.R. §3.73(b); and

09/936888

JC03 Rec'd PCT/PTO 1 2 SEP 2001

Please stamp date of receipt of the enclosed documents and return this card to addressee

09/936888



POST OFFICE TO ADDRESSEE



nación requerida en la sección "cliente".

DRIGIN (POSTAL USE O	ONLY)		DELIVERY (POST	'AL USE ONLY)		
PO ZIP Code	Day of Delivery	Flat Rate Envelope	Delivery Attempt	Time	Employee Signature	
10,4176	Next Second		Mo. Day	□ AM <u>□ □ BM</u>		
Date in	1 128 1 21 17	Postage	Delivery Attempt	Time	EMPONS SIBILATIN	1
13 12 (1)	12 Noon 3 PM	s - 1 - 1	Mo. Day	☐ AM ☐ PM		
Time in	Military	Return Receipt Fee	Delivery Date	Time	Employee Signature	1 1 1 1 1 1 1
	2nd Day 3rd Day		Mo. Day	☐ AM ☐ PM	FP 1 9 2001	
Weight PM	Int'l Alpha Country Code	COD Fee Insurance Fee	Signature of Addresses	e or Agent		
lba. Jozs.	273		x	1.5		
No Delivery	Acceptance Clerk Initials	Total Postage & Fees	Name - Please Print	PIC	MAIL CENTER	
Weekend Hollday	Attention of	\$ - 167, 64 Y	$\mathbf{x} = (\mathbb{R}^{d} \otimes \mathbb{R}^{d})$			
CUSTOMER USE ONLY	OR DAMAGE OR LOSS	OF WAVER	F SIGNATURE (Domestic	Crity Additional merch	mdise insurance is void (weiver of algust	ure la requested.
	UST PRESENT THE A	RTICLE,	ery to be made without op	talning signature of add	essee of addressee a agent (f delivery). Selvecylempkoved a signature constitute	employee judges
	ACKAGING TO THE L	ISPS 法知即YeV总				
FOR INSPECTION.		NO DELIVER	COLUMN TARGET	L to the size of	DEN COstomer Signatures and Street Most	Secure and
FROM: (PLEASE PRINT)	PHONE (415) 5	76:-0200	TO: USPTO	PILOT	(E L)	
\r .		٦	- OSFIO	MAIL CEN	TER	
TOWNSEND A	& TOWNSEMD &	CREW	HOX PC		المنابع من المستقل الماسات	
	DERO CTR FL		48SI 8I	ANT CUMM	ISSIONER FOR	
SAH FRANC	ISCO CA	1 94T11+3823	HATEDE	B 1 2 2001	DEMAKK 5	10000
			A SH TH	OTUN	00,20231	r-000T
Annette S.	Parent, Esq.	•				
015280-3771	00US		EXPRESS I	MAIL LABEL DA	TE IN	a di 🙃

SUZPALTBPELJ3



POST OFFICE TO ADDRESSEE



EL394871695US

PO ZIP Code Day of Delivery Flat Rate Envelope Delivery Attempt Time Employee Signature	ORIGIN (POSTAL USE	ONLY)		DELIVERY (POST	AL USE ONLY)		7.6
Date in process and control of the country Code Code Code Fee Instruments Fee Code Code Code Code Code Code Code Co	PO ZIP Code	1 '	1 '	Delivery Attempt		Employee Signature	مِ مِ
Date in process and control of the country Code Code Code Fee Instruments Fee Code Code Code Code Code Code Code Co	·.	Next Second		D.,	n n		. © ₹
TO Delivery No Delivery N	Date in		Postage		1 / 1111 / 111	Employee Signature	
TO Delivery No Delivery N	•	☐ 12 Noon ☐ 3 RM					≧′≐
TO Delivery No Delivery N		1 -	\$			<u> </u>	:=
TO Delivery No Delivery N	Time in		Return Receipt Fee	Delivery Date	Time	Employee Signature	6
No Collection Page Process Page Pa	in n		ļ		☐ AM ☐ PM	•	. =
No Dallaway Modelay Acceptance Clerk Initials Total Postage & Fees Number of Page Point	Weight	Int'l Alpha Country Code	COD Fee Insurance Fee	Signature of Addresse	e or Agent		
Note	lbs. ozs.			,		•	
WARRED SENANTINE Correction of Senant Senantine Control of Senantine Con	,	Acceptance Clerk Initials	Total Postage & Fees	Name - Please Print			
Western Separation Separa			\$	×			
Western Separation Separa	CUSTOMER USE ONLY						
POST OFFICE TO ADDRESSEE UNITED STATES POSTAL SERVICE TH BOLLINGSTAL USE ONLY) POUR Code Date 6 Postage SEE REVERSE SIDE FOR SERVICE GUARANTEE AND LIMITS ON INSURANCE COVERAGE SEE REVERSE SIDE FOR SERVICE GUARANTEE AND LIMITS ON INSURANCE COVERAGE William of June 1 and No. 1 and Postage & Fees SERVICE GUARANTEE AND LIMITS ON INSURANCE COVERAGE Washington of Available. SUBJECT STATES ONLY Washington of Available. Washington of Available. Washington of Available. Total Postage & Fees SERVICE GUARANTEE AND LIMITS ON INSURANCE COVERAGE Washington of Available. Washington of Available. Washington of Available. Total Postage & Fees SERVICE GUARANTEE AND LIMITS ON INSURANCE COVERAGE Washington of Available. Total Postage & Fees SERVICE GUARANTEE AND LIMITS ON INSURANCE COVERAGE ON INSURANCE COVERAGE TO Postage Printing Washington of Available. Total Postage & Fees SERVICE GUARANTEE AND LIMITS ON INSURANCE COVERAGE ON INSURANCE COVERAGE TO Postage Printing Washington of Available. Total Postage & Fees SERVICE GUARANTEE AND LIMITS ON INSURANCE COVERAGE ON INSURANCE COVERAGE TO Postage Printing Printing Service GUARANTEE AND LIMITS ON INSURANCE COVERAGE TO Postage Printing Printing Service Guarantee And District Confidence of Service Guarantee And District Confidence And Service Confidence Confidence And Service Confidence Co		X941886					
POST OFFICE TO ADDRESSEE WITED STATE POSTAL SERVICETA POST OFFICE TO ADDRESSEE WITED STATE POSTAL SERVICETA EL 37 4 8 7 1 6 7 5 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 7 1 6 U S * EL 37 4 8 7 1 6 U S * EL 37 4 8 7 1 6 U S * EL 37 4 8 7 1 6 U S * EL 37 4 8 7 1 6 U S * EL			I WALLER COLOR	can be left in secure locati	on) and I authorize that of	delivery employee's signature constitutes valid	proof of .
POST OFFICE TO ADDRESSEE DIVITED STATES POSTAL SERVICE IN EL 39 48 7 16 9 5 US * EL 39 48 7 16 9 US * EL 39 48 7 16 7 US * EL 39 48 7 US * EL 39 48 7 16 7 US * EL 39 48 7 US * EL 39 48 7 16 TUS * EL 39 48 7 16 TUS * EL 39 48 7 16 7 US * EL 39 48 7 16 TUS *	Federal Agency Acct, No. or Postal Service Acct, No.			Y Weekend Holid	ay		£26
TO ADDRESSEE ORIGINI/POSTAL USE ONLY POR 212 CODA Date fin			7.6-0.200.	T. =		Customer signature	
TO ADDRESSEE ORIGINI/POSTAL USE ONLY POR 212 CODA Date fin	,		-				` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
TO ADDRESSEE ORIGINI/POSTAL USE ONLY POR 212 CODA Date fin						HT (11()) 120; 120; 10() 10(0; 10) 10()	JSE 13 1981
TO ADDRESSEE ORIGINI/POSTAL USE ONLY POR 212 CODA Date fin			EVENE	-cc			
TO ADDRESSEE MAIL UNITED STATES POSTAL SERVICE TM POZIFICATION POZIFICAT	POST OF	FICE		:22			
Companies Comp	i i	1 3 N 1	MAIL	CIBRIET		『마다 (MING) (MI	TO IT THE
POZIP Code Post P	IO ADDR	ESSEE		/ICE TM			
POZIP Code Post P	ORIGIN (POSTAL LISE	ONLY					
SEE REVERSE SIDE FOR SERVICE GUARANTEE AND LIMITS ON INSURANCE COVERAGE Weight Date Dat			Flat Rate Envelope		トレココ	10/76/20/2	∂ §
Iba. Ozs. No Delivery Holiday Acceptance Clerk Philats Total Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage Acceptance	Out Duty	-1/2 , d	- I' ·	J.			Ō ≥
Iba. Ozs. No Delivery Holiday Acceptance Clerk Philats Total Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage Acceptance	THE TANK	Scond		4			O 3
Iba. Ozs. No Delivery Holiday Acceptance Clerk Philats Total Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage Acceptance		1040 (18	Postage [_ / (1	CEE DEVED	SE SIDE FOR	₽ ;
Iba. Ozs. No Delivery Holiday Acceptance Clerk Philats Total Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage Acceptance	10	12 Noon (1) (3) (3)	(s).4)		•		₽.2
Iba. Ozs. No Delivery Holiday Acceptance Clerk Philats Total Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage Acceptance	Time in	Military	Beturn Beceint Fee	⊣ SEF	RVICE GUARA	ANTEE AND LIMITS	₽ 9
Iba. Ozs. No Delivery Holiday Acceptance Clerk Philats Total Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage & Fees State Postage Acceptance Clerk Philats State Postage Acceptance	121/1/1/	2nd Day 3rd Day	Total Tibodipi (66	·	ON INSURAN	CE COVERAGE 1	<u>v</u>
Ibs. Ozs. No Delivery Meekend Holiday Acceptance Clerk Initials Total Postage & Fees State Holiday Holiday State Holiday Holiday State Holiday Holiday State Holiday Holiday Holiday State Holiday	Weight AM	M Int'l Alpha Country Code	COD For University	4			ನ '
CUSTOMERUSE ONLY Method of Payment: Express Mad Corporate Act. No. X 94 18 86 WAIVER OF SIGNATURE (Domestic Only): Additional inerchandise insurance is requested. Waiver of signature is requested.	1 7	int i Alpha Country Code	COD ree Insurance ree	1	يعمون	and every	
WANVER OF SIGNATURE (Domestic Only): Additional insertance insurance is requested. Wanver of signature is requested. Wa		Accordance Clark Pilet		-∤′	16	THE CA	
CUSTOMER USE ONLY METHOD OF PAYMENT: Express Mal Corporate Acct. No. X 941886 WAIVER OF SIGNATURE (Domestic Only): Additional merchandlag insurance is requested. In Mish delivery to be made without obtaining strature or addresses segent (if delivery employee judges that delivery be into addresses a condition and addresses a condition and addresses and acceptance or addresses segent (if delivery employee judges that delivery employee pudges that del	Westerd Heller	Acceptance Clerk Initials	Total Postage & Fees	(·			
WANTER OF SIGNATURE (Domestic Only): Additional merchandlase insurance la tender waiver of alignature is requested. WANTER OF SIGNATURE (Domestic Only): Additional merchandlase insurance la tender of additional process of the p		<u> </u>	\$ 17.4	<u>)</u>	1.00	83 /E/	,
FROM: PLEASE PRINTI TOWNSEND & TOWNSEND & CREW 2 EMBARCADERO CTR FL 8 SAN FRANCISCO CA 94111-3823 Annette S. Parent, Eaq. 015280-377100US Toders Agency Acc. No. or Posters Acc. No. or Posters Service Acc. No. or Posters	METHOD OF PAYMENT:	V 0/ 10 0/	WAIVER	OF SIGNATURE (Domes	tic Only: Additional merci	randles insurance is buildly united of claustines to	en minesteral
FROM: PLEASE PRINTI PHONE (415, 576-0200 TO: PLEASE PRINT	Express Mail Corporate Acct. No.	7941880	I wish de	Ivery to be made without o	btaining signature of ado	respect or addressed stagent (if delivery emplo	yee judges
FROM: PLEASE PRINTI PHONE (415, 576-0200 TO: PLEASE PRINT	Federal Agency Acrd. No. or		delivery.	ie can be lait in secure loca	tion) and I admonze that	All Wany employee's admature constitutes valle	d proof of
TOWNSEND & TOWNSEND & CREW 2 EMBARCADERO CTR FL 8 SAN FRANCISCO CA 94111-3823 Annette S. Parent, Eaq. 015280-377100US			NO DELIVE	RY Weekend Holl	day	Customer Signature	—— <u></u>
TOWNSEND & TOWNSEND & CREW 2 EMBARCADERO CTR FL 8 SAN FRANCISCO CA 94111-3823 Annette S. Parent, Eaq. 015280-377100US	FROM: (PLEASE PRINT)	PHONE (415) 5	576-0200	TO: (PLEASE PRINT)	V. 0	A P Some	1.1.2
TOWNSEND & TOWNSEND & CREW 2 EMBARCADERO CTR FL 8 SAN FRANCISCO CA 94111-3823 Annette S. Parent, Eaq. 015280-377100US	-	*·····································			PHO	ME (ALLANDE)	
2 EMBARCADERO CTR FL 8 SAN FRANCISCO CA 94111-3823 Annette S. Parent, Eaq. 015280-377100US	TOWNSEND	& TOWNSEND	& CREW	BOX PO	T		ן ד
SAN FRANCISCO CA 94111-3823 PATENTS & TRAÜFMÄRKS NASHINGTUN DC 20231-0001 015280-377100US	2 EMBARCA	DERO CTR FL	8			ALSSTOWER FOR	
Annette S. Parent, Eaq. WASHINGTUN DC 20231-0001 015280-377100US	SAN FRANC				SKTRA		
Annette S. Parent, Esq. 015280-377100US		•					0061
L J L	Annette S.	Parent, Eaq.			- · -	the same that he has the same	~ ~ ~
L J L	015280-377	100US				•	
PRESS MARK	1 , 1	****	•			-	
PRESS HARD. FOR DICKID OR TRACKING CALL 4 COS DOS ASSAULTS			٠.	-			ا د
		EUD DICKUD OB	TD A OVINO CALL	0.000.101			



	RCE PATENT AND TRADEMARK OFFICE	ATTORNEY 'S DOCKET NUMBER
TRANSMITTAL LETTER	TO THE UNITED STATES	015280-377100US
DESIGNATED/ELECTE		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
CONCERNING A FILING	•	Unknown
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US00/06364	March 10, 2000	March 12, 1999
	17aten 10, 2000	12, 1999
TITLE OF INVENTION PREVENTION OF FETAL ALCOHOLS	SYNDROME AND NEURONAL CELL D	EATH WITH ADNF POLYPEPTIDES
APPLICANT(S) FOR DO/EO/US		
Douglas BRENNEMAN, Catherine Y	. Spong, Illana Gozes, Merav Bassan,	and Rachel Zamostiano
Applicant herewith submits to the United St	ates Designated/Elected Office (DO/EO/US)	the following items and other information:
1. 🛛 This is a FIRST submission of item	is concerning a filing under 35 U.S.C. 371.	ļ
2. This is a SECOND or SUBSEQUE	NT submission of items concerning a filing t	under 36 U.S.C. 371.
3. This is an express request to begin not (5), (6), (9) and (21) indicated below	ational examination procedures (35 U.S.C. 3	71(f). The submission must include items
	ration of 19 months from the priority date (A	rticle 31)
5. A copy of the International Applicat		ittlete 31).
	only if not communicated by the Internation	of Bureau)
b. has been communicated by		ar Burcau).
	cation was filed in the United States Receivir	og Office (PO/US)
	he International Application as filed (35 U.S.	-
a. is attached hereto.	the international Application as filed (33 0.3.	.C. 371(c)(2)).
b. has been previously submitted	red under 25 FLS C 154(d)(4)	
7. Amendments to the claims of the Int	• • • •	(35115 C 271(a)(2))
	d only if not communicated by the Internation	
b. have been communicated by		nai Bureau).
		to be NOT well a
d. A have not been made, nowev	er, the time limit for making such amendmen	nts has NO1 expired.
		. 1. 10 (25 110 C 271 ()(2))
	he amendments to the claims under PCT Art	icie 19 (35 U.S.C. 3/1 (c)(3)).
9. An oath or declaration of the invento		n t pom
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).		examination Report under PC1
Items 11 to 20 below concern docu		
11. An Information Disclosure Statemen	•	,
	ng. A separate cover sheet in compliance w	ith 37 CFR 3.28 and 3.31 is included.
13. A FIRST preliminary amendment.		
14. A SECOND or SUBSEQUENT prel	iminary amendment.	
15. A substitute specification.		
16. A change of power of attorney and/o	r address letter.	·
17. A computer-readable form of the sec	quence listing in accordance with PCT Rule	13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. A second copy of the published inter	mational application under 36 U.S.C.	•
19. A second copy of the English langua	ge translation of the international application	n under 35 U.S.C. 154(d)(4).
20. Other items or information:		•
EXPRESS MAIL NO. EL394871695US; I	Declarations and Powers of Attorney of Dou	glas Brenneman and Catherine Y. Spong;
Declarations of Illana Gozes, Meray Bassan	, and Rachel Zamostiano; Appointment of A pondence Address; and Return Receipt Post	ssociate Attorneys and Agents: Statement

page I of



US/ Application no. (if known, see 37 CFR 1.5) Unknown	INTERNATIONAL APPLICATION I PCT/US00/06364	10.	015280-377100	_
21. The following fees are submitted:			CALCULATIONS PT	O USE ONLY
BASIC NATIONAL FEE (37 CFR 1.492(A)	(1) – (5)):			
Neither international preliminary examination fee (37 CFR 1.492) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1000.00				
International preliminary examination fee (37 C USPTO but International Search report prepare		\$860.00		·
International preliminary examination fee (37 C USPTO but international search fee (37 CFR 1.	FR 1.482) not paid to 445(a)(2)) paid to USPTO	\$710.00		
International preliminary examination fee (37 C USPTO but all claims did not satisfy provisions		\$690.00		
International preliminary examination fee (37 C USPTO and all claims satisfied provisions of Po		\$100.00		<u> </u>
ENTER APPROPRIATE I			\$690.00	
Surcharge of \$130.00 for furnishing the oath or months from the earliest claimed priority date (37 CFR 1.492(e)).	30	s	<u> </u>
CLAIMS NUMBER FILED		RATE	\$ 6224.00	
Total claims 33 - 20 = Independent claims 3 - 3 =	13	x \$18.00 x \$80.00	\$234.00 \$0	
MULTIPLE DEPENDENT CLAIM(S) (if appl		+ 270.00	\$	
	OF ABOVE CALCUL		\$234.00	
Applicant claims small entity status. above are reduced by 1/2.			s	
	SUI	BTOTAL =	\$924.00	
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFT 1.492(f).			\$	
	TOTAL NATION		924.00	
Fee for recording the enclosed assignment (37 accompanied by an appropriate cover sheet (37)			\$	
	TOTAL FEES ENC	LOSED =	\$924.00	
			Amount to be refunded:	s
			charged:	s
a. A check in the amount of \$	to cover the above fe	es is enclosed.		
b. 🛛 Please charge my Deposit Account	No. <u>20-1430</u> in the amount of	\$ <u>924.00</u> to cove	r the above fees.	
c. The Commissioner is hereby author overpayment to Deposit Account N				
d. Fees are to be charged to a credit ca	rd. WARNING: Information	on this form ma	ay become public. Credi	t card
information should not be include	d on this form. Provide credit	card information	on and authorization on P	TO-2038.
NOTE: Where an appropriate time limit un 1.137(a) or (b) must be filed and granted to i	der 37 CFR 1.494 or 1.495 harestore the application to pen	s not been med ding status.	t, a petition to revive (37	CFR
SEND ALL CORRESPONDENCE TO:	٠		SIGNATURE	
Annette S. Parent				
Townsend and Townsend and Crew LLP			Annette S. Pa	rent
Two Embarcadero Center, 8th Floor			NAME	
San Francisco, CA 94111			MANUE	
			42,058 REGISTRATION	NUMBER

FORM PTO-1390 (rev 11-2000) page 2 of 2 SF 1268727 v1

Best Available Copy

DECLARATION AND POWER OF ATTORNEY

Diject matter which NDROME AND N 100 as PCT Internation have reviewed and under the policy of Federal Regulary (1997).	is claimed and for EURONAL CELL I mad Application No inderstand the content of the duty to discutations. Section 1.5 cent or inventor's ceing date before that of the duty to discut the duty the duty the duty to discut the duty to discut the duty the du	eenship are as stated below or which a patent is sough DEATH WITH ADNF POL. PCT/US00/06364, and whents of the above identified states information which is a sough of the application on which of the application on which	YPEF ich co specifi matcri y bene have a	ripes respon ation, to the its und	, the specification ding U.S. nation including the class examination of the Title 35, Untilified below ar	on of which all phase a aims, as a aims, as a lift this applicated. States	n was the application mended be ication in a Code. S	y any ame	erewith. Indinent research Tit I of any for	Corred le 37, preign
Country		Application No.		Date of	Filing	•	Priority (Under 35	Claimed 5 USC 119		
		·					Yes 🗌	No []	
							Yes 🗌	No []	
	Application No.	United States Code § 119(Filin	Date						suhird
matter of each of the	cluims of this appli	ed States Code, Section 12 cation is not disclosed in the n 112, I acknowledge the cod between the filing date of	c prior			-motion of	defined	in Title 37	7. Code of	Federal
Application No.		Date of Filing					Status		<u>:</u>	_
09/267,511		12 March 1999			Patented	Pen	ding [Aband		_
					Patented	Pen-	ding	Aband		
					Patented	Pen	ding	Aband	loned	
States of America a this application and		, Reg. No. 38,44H _{1g} . No. 25,5HH			nected therewith Susan S. David R.		teg. No. 3: i, Reg. No	5,762 . 32,808	iment of the	ne United prosecute

and Correspondence to Appointed Associate Attorney or Agent Address:

Direct Telephone Calls and Facsimiles to Appointed Associate Attorney or Agent:

Annette S. Parent TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Ceuter, 8th Floor San Francisco, CA 94111-3834 Name: Annette S. Parent Reg. No.: 42,058 Telephone: 415/576-0200 Fax: 415/576-0300

Fax: 415/576-0300

Middle Name or Initial

Lust Name RRENNEMAN	First Name DOUGLAS	·	R.	<u> </u>
City	State/Foreign C Maryland	umiry	Country of Citizensh United States	
Post Office Address	City Damascus		State/Country Maryland	Zip Codc 20872
Last Name	First Name CATHERINE		Middle Name or Ini	tial
City	State/Forcign (Virginia	ouniry	Country of Cilizens United States	<u> </u>
Post Office Address	City Arlington		State/Country Virginia	Zip Code 22207
Last Name	First Name		Middle Name or In	itial
City	State/Foreign	Country	Country of Citizen Israel	ship
Post Office Address	City Ramat Hash	ron	State/Country Israel	Zip:Code
Last Name	First Name MERAV		Middle Name or I	nitial :
City	1	Country	Country of Citizen	nship
Post Office Address	City	Natania	State/Country Tarael	Zip Code
Lust Name	First Name RACHEL		Middle Name or	Initial
City	State/Forcig	n Country	Country of Citize	mship
Post Office Address 17 Yeshuron Street	City Hod Hasha	n	State/Country tsrael	Zip Code
	BRENNEMAN City Damascus Post Office Address 10601 Santa Anita Terrace Last Name SPONG City Artington Post Office Address 3857 North Rixey Street Last Name GOZES City Ramat Hasharon Post Office Address 14 Hamel Street Last Name BASSAN City Hod Hasharon Post Office Address 15A Ziporen Street Lust Name ZAMOSTIANO City Hod Hasharon Post Office Address	Lust Name Post Office Address 10601 Santa Anita Terrace Last Name SPONG City Arlington Post Office Address 3857 North Rixey Street Last Name GOZES City Ramat Hasharon Post Office Address 14 Hamel Street Last Name BASSAN City Itod Hasharon Post Office Address City Ramat Hasharon City Ramat Hasharon Post Office Address City Ramat Hasharon City Ramat Hasharon Post Office Address City Ramat Hasharon First Name BASSAN City City City City City City City Cit	Lust Name BRENNEMAN City Damascus Post Office Address 10601 Santa Anita Terrace Last Name SPONG City Artington Post Office Address 3857 North Rixey Street City Ramat Hasharon Post Office Address 14 Hamel Street Last Name BASSAN City Itod Hasharon Post Office Address City Romat Hasharon City Romat Hasharon Post Office Address City State/Foreign Country Israel City Romat Hasharon Post Office Address City State/Foreign Country Israel City City City City City City City Cit	Last Name GOZES City Post Office Address That Pasharon Post Office Address City Arlington Last Name GOZES City State/Forcign Country Country of Citizensh United States State/Country Maryland Middle Name or Init Y. Country of Citizensh United States Catherine Charlerine Charlerine Country of Citizensh United States City Arlington Post Office Address City State/Forcign Country Virginia Middle Name or Init Y. Country of Citizens United States State/Country Virginia Middle Name or Init Y. Country of Citizens United States State/Country Virginia Middle Name or Init Israel Last Name GOZES City State/Foreign Country Israel Last Name BASSAN City Ramat Hasharon Post Office Address City Ramat Hasharon Post Office Address City Itod Hasharon Post Office Address City City City City City City Country of Citizens Israel Post Office Address City City Country Country of Citizens Israel Lust Name First Name MERAV City City Country of Citizens City Country Country of Citizens City City Country of Citizens City City Country of Citizens City City Country Count

Best Available Copy 036408541; 10:59PM; Page 4 Aug-9-Sent By: HP LaserJet 3100; Attorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4 I firther declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are be leved to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon. Signature of Inventor 3 Signature of Inventor 2 ignature of Inventor 1 Illana Gozes Catherine Y. Spong Douglas E. Brenneni Date Date bate 08/09/01 Signature of Inventor 5 Signature of Inventor 4 Rachel Zamostiano Meray Basson Date Date F 1251798 v1

Amorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
	CUBA	
Douglas E. Brenneman Date	Catherine Y. Spong Date 09/11/01	Illana Gozes Date
Signature of Inventor 4	Signature of Inventor 5	

Rachel Zamostiano

Date

SF 1251798 v1

Meray Bassan

Date

Attorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES, the specification of which was filed in the PCT on 10 March 2000 as PCT International Application No. PCT/US00/06364, and which corresponding U.S. national phase application is filed herewith.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37. Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
,			Yes No
			Yes No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date	

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
09/267,511	12 March 1999	☐ Patented ☐ Pending ☐ Abandoned
		Patented Pending Abandoned
		Patented Pending Abandoned

Attorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4

Full Name of Inventor 1	Last Name BRENNEMAN	First Name DOUGLAS	Middle Name or Init	ial	
Residence & Citizenship	City Damascus	State/Foreign Country Maryland	Country of Citizensh United States	uip	
Post Office Address	Post Office Address 10601 Santa Anita Terrace	City Damascus	State/Country Maryland	Zip Code 20872	
Full Name of Inventor 2	Last Name SPONG	First Name CATHERINE	Middle Name or Init	tial .	
Residence & Citizenship	City Arlington	State/Foreign Country Virginia	Country of Citizens United States	nip	
Post Office Address	Post Office Address 3857 North Rixey Street	City Arlington	State/Country Virginia	Zip Code 22207	
Full Name of Inventor 3	Last Name GOZES	First Name ILLANA	Middle Name or Ini	Middle Name or Initial	
Residence & Citizenship	City Ramat Hasharon	State/Foreign Country [srael	Country of Citizens Israel	Country of Citizenship Israel	
Post Office Address	Post Office Address 14 Hamel Street	City Ramat Hasharon	State/Country Israel	Zip Code	
Pull Name of Inventor 4	Last Name BASSAN	First Name MERAV	Middle Name or Ini	Middle Name or Initial	
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizens Israel	hip 	
Post Office Address	Post Office Address 15A Ziporen Street	City Givat Poleg, Natania	State/Country Israel	Zip Code	
Full Name of Inventor 5	Last Name ZAMOSTIANO	Pirst Name RACHEL	Middle Name or In	Middle Name or Initial	
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizens Israel	Country of Citizenship Israel	
Post Office Address	Post Office Address 17 Yeshuron Street	City Hod Hasharon	State/Country Israel	Zip Code	

Attorncy Docket No. 015280-377100US DHHS Ref No. E-286-98/4

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Datc	Catherine Y. Spong Date	Illana Gozes Date Date Da

Signature of Inventor 4	Signature of Inventor 5
Merav Bassan	Rachel Zamostiano
Datc	Date

SF 1258047 v1

Attorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Datc	Catherine Y. Spong Date	Illana Gozes Date Date Da

Signature of Inventor 4	Signature of Inventor 5
hisam Heral	
Merav Bassan Date 08/28/01	Rachel Zamostiano Date

SF 1258047 v1

Attorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Datc	Catherine Y. Spong Date	Illana Gozes Date

Signature of Inventor 4	Signature of Inventor 5
	11/060125 /
Merav Bassan Date	Rachel Zamostlano Date 9/2/04

SF 1258047 v1



Consussioner for Patents, Box PCT United States Patent and Frademark Office Washington, D.C. 2003 Washington, D.C. 2003

0-377101U

U.S. APPLICATION NUMBER NO	FIRST NAMED APPLICANT	ATTY	DOCKET NO
09/936,888	Douglas Brenneman 015280		0-377100US
· :	· · · · · · · · · · · · · · · · · · ·	INTERNATIONAL APPL	ICATION NO
·		PCT/US00/0	6364
	DEC 0.7/2001	I.A. FILING DATE	PRIORITY DATE
Annette S. Parent	DEC 0 1 7000 -	03/10/2000	03/12/1999

Annette S. Parent Townsend &Townsend & Crew Two Embarcadero Center, 8th Floor San Francisco, CA 94111

OWNSER

CONFIRMATION NO. 2917

371 FORMALITIES LETTER

OC000000007019473

Date Mailed: 11/28/2001 7850 Die

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- · Copy of the International Search Report
- Reguest for Immediate Examination

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

• \$130 Late oath or declaration Surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

PAULETTE R KIDWELL

Telephone: (703) 305-3656

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ĄTTY. DOCKET NO.
09/936,888	PCT/US00/06364	015280-377100US

Best Available Copy

RECEIVED

JUL -8 2002

PCT INITIAL PROCESSING O(9)/934,888 **525 Rec'd PCT/PT** 05 JUL 2002

RECEIVED

USPTO MAIL CENTER

Assistant Commissioner for Patents Washington, D.C. 2023.1 BOX PCT - MISSING PARTS

015280-377100US

Two Embarcadero Center San Francisco California 94111-3834 **COWNSEND** TOWNSEND

EXHIBIT E

03/12/1999



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, flux PCT United States Patent and Trademark Office Washington, D.C., 2023

 U.S. APPLICATION NUMBER NO.
 FIRST NAMED APPLICANT
 ATTY. DOCKET NO

 09/936,888
 Douglas Brenneman
 015280-377100US

 INTERNATIONAL APPLICATION NO.

 PCT/US00/06364

 Annette S. Parent
 LA. FILING DATE
 PRIORITY DATE

Annette S. Parent Townsend &Townsend & Crew Two Embarcadero Center, 8th Floor San Francisco, CA 94111

CONFIRMATION NO. 2917
371 FORMALITIES LETTER
OC000000008546064

03/10/2000

Date Mailed: 08/02/2002

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Priority Document
- · Copy of IPE Report
- · Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- · Oath or Declaration
- Request for Immediate Examination

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - It's not sufficient to supply only the signature page of declaration

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

PAULETTE R KIDWELL

Telephone: (703) 305-3656

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/936,888	PCT/US00/06364	015280-377100US

FORM PCT/DO/EO/916 (371 Formalities Notice)

EXHIBIT F



United States Patent and Trademark Office

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 2023 I

Annette S. Parent Townsend and Townsend and Crew LLP Two Embarcadero Center, 8th Floor San Francisco, CA 94111

In re Application of BRENNEMAN et al

U.S. Application No.: 09/936,888.

Int. Application No.: PCT/US00/06364

Int. Filing Date: 10 March 2000 Priority Date: 12 March 1999

Attorney Docket No.: 015280-377100US

Fo. PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES

COMMUNICATION

This application is before the PCT Legal Office for consideration of issues arising under 35 U.S.C. 371.

BACKGROUND

On 10 March 2000, applicant filed international application PCT/US00/06364, which claimed priority of an earlier United States application filed 12 March 1999. A Demand for international preliminary examination, in which the United States was elected, was filed on 18 September 2000, prior to the expiration of nineteen months from the priority date. Accordingly, the thirty-month period for paying the basic national fee in the United States expired at midnight on 12 September 2001.

On 12 September 2001, applicant filed national stage papers in the United States Designated/Elected Office (DO/EO/US). The submission was accompanied by, *inter alia*, the basic national fee required by 35 U.S.C. 371(c)(1) and executed declarations.

On 28 November 2001, the DO/EO/US mailed a Notification of Missing Requirements Under 35 U.S.C. 371, which indicated that an oath or declaration in compliance with 37 CFR 1.497 must be filed.

Application No.: 09/936,888

On 05 July 2002, applicant filed newly executed declarations.

On 17 July 2002, this Office mailed a communication which stated that the declarations filed 12 September 2001 are improper.

On 02 August 2002, the DO/EO/US mailed a Notification of Defective Response (Form PCT/DO/EO/916) which set a one month time limit for response.

DISCUSSION

The declarations filed 12 September 2001 and 05 July 2002 are improper. Specifically, at least one of the declarations contains more than one "Page 3 of 3". It is not sufficient to supply only the signature page of a declaration. Applicant must furnish either: 1) a single complete declaration which is presented to and executed by all of the inventors or 2) multiple complete declarations, each of which is executed by at least one of the inventors.

CONCLUSION

The application is being returned to the DO/EO/US to await a response to the Notification of Defective Response (Form PCT/DO/EO/916) mailed 02 August 2002.

Bryan Tung
PCT Legal Examiner
PCT Legal Office

Telephone: 703-308-6614 Facsimile: 703-308-6459

EXHIBIT G

TO THE U.S. PATENT AND TRADEMARK OFFICE:

Please stamp the date of receipt of the following documents(s), and return this card to us.

Title of Document(s): Trans. Form SB/21 (1 pg.); Response to Notification of Defective Response Under 35 U.S.C. 371 (2 pgs.); copy of Notification (2 pgs.);

copy of Withdrawal of Previously Sent Notice (1 pg.); executed complete Dec. of Brenneman (3 pgs.); executed complete Dec. of Spong (3 pgs.); executed complete Dec. of Gozes and Bassan; and

executed complete Dec. of Zamostiano (3 pgs.).

Date Due:

Sept. 2, 2002

Appln. No.:

09/936,888

Date Mailed:

August 26, 2002

File No.:

015280-377100US

TO THE U.S. PATENT AND TRADEMARK OFFICE:

Please stamp the date of receipt of the following documents(s), and return this card to us.

Title of Document(s):

Trans. Form SB/21 (1 pg.); Response to Notification of Defective Response Under 35 U.S.C. 371 (2 pgs.); copy of Notification (2 pgs.); copy of Withdrawal of Previously Sent Notice (1 pg.); executed complete Dec. of Brenneman (3 pgs.); executed complete Dec. of Spong (3 pgs.); executed complete Dec. of Gozes and Bassan; and executed complete Dec. of Zamostiano (3 pgs.).

Date Due:

Sept. 2, 2002

Appln. No.:

09/936,888

Date Mailed:

August 26, 2002

File No.:

015280-377100US



DTO, ecd PCT/PTO 0 3 SEP 200 PTO/SB/21 (08-00) Riease type a plus sign (+) inside this box -> + Approved for use through 10/31/2002, OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. **Application Number** 09/936,888 TRANSMITTAL Filing Date September 12, 2001 **FORM** First Named Inventor Brenneman, Douglas E. (to be used for all correspondence after initial filing) Group Art Unit Unassigned Unassigned **Examiner Name** Total Number of Pages in This Submission 18 Attorney Docket Number 015280-377100US ENCLOSURES (check all that apply) After Allowance Communication to Assignment Papers Fee Transmittal Form (for an Application) Group Appeal Communication to Board of Fee Attached Drawing(s) Appeals and Interferences Appeal Communication to Group Amendment / Response Licensing-related Papers (Appeal Notice, Brief, Reply Brief) Petition Routing Slip (PTO/SB/69) After Final Proprietary Information and Accompanying Petition Petition to Convert to a Affidavits/declaration(s) Status Letter Provisional Application Power of Attorney, Revocation Other Enclosure(s) Extension of Time Request Change of Correspondence Address (please identify below): Terminal Disclaimer Return Postcard; Response to Notification Express Abandonment Request of Defective Response Under 35 U.S.C. Request for Refund 371; multiple executed Declarations of Information Disclosure Statement inventors Brenneman, Spong, Gozes, CD. Number of CD(s) Bassan and Zamostiano; copy of Notification. The Commissioner is authorized to charge any additional fees to Certified Copy of Priority Remarks Deposit Account 20-1430. Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR

> SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Townsend and Townsend and Crew LLP and Annette S. Parent Reg. No. 42,058 Individual name Signature Date August 26, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

August 26, 2002

Typed or printed name	Dana Kane		· · · · · · · · · · · · · · · · · · ·	
Signature	Jen 1	Jane.	Date	August 26, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1379428 v1

1.52 or 1.53



I hereby certify that this response is being deposited via First Class Mail addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on August 26, 2002.

Attorney Docket No.: 015280-377100US Client Ref. No.: E-286-98/4

Townsend and Townsend and Crew LLP

By:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Douglas E. Brenneman et al.

Application No.: 09/936,888

Filed: September 12, 2001

For: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES

Customer Service Center Initial Patent Examination Division Assistant Commissioner for Patents Washington, D.C. 20231 Examiner:

Unassigned

Art Unit:

Unassigned

Confirmation No. 2917

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE UNDER 35 U.S.C. 371

RECEIVED

JUN 1 3 2007

OFFICE OF PETITIONS

Sir:

In response to the Notification of Defective Response mailed August 2, 2002 and the Communications of July 17, 2002 and August 15, 2002, respectively, applicants herewith submit multiple complete executed Declarations of inventors Douglas E. Brenneman, Catherine Y. Spong, Illana Gozes, Merav Bassan and Rachel Zamostiano.

09/936,888 Brenneman et al. Page 2

A copy of the Notification is attached hereto.

Respectfully submitted,

Annette S. Parent Reg. No. 42,058

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834

Tel: 415-576-0200 Fax: (415) 576-0300 ASP:dk SF 1379420 v1



DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES, the specification of which was filed in the PCT on 10 March 2000 as PCT International Application No. PCT/US00/06364, and which corresponding U.S. national phase application is filed herewith.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37. Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No 🗆
			Yes No 🗌

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date	

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
09/267,511	12 March 1999	☐ Patented ☒ Pending ☐ Abandoned
		Patented Pending Abandoned
		Patented Pending Abandoned

Full Name of Inventor 1	Last Name BRENNEMAN	First Name DOUGLAS	Middle Name or Init	ial .
Residence & Citizenship	City Damascus	State/Foreign Country Maryland	Country of Citizensh United States	nip
Post Office	Post Office Address 10601 Santa Anita Terrace	City Damascus	State/Country Maryland	Zip Code 20872
Full Name of Inventor 2	Last Name SPONG	First Name CATHERINE	Middle Name or Ini	tial .
Residence & Citizenship	City Arlington	State/Foreign Country Virginia	Country of Citizens United States	h ip
Post Office Address	Post Office Address 3857 North Rixey Street	City Arlington	State/Country Virginia	Zip Code 22207
Full Name of Inventor 3	Last Name GOZES	First Name ILLANA	Middle Name or Ini	itial
Residence & Citizenship	City Ramat Hasharon	State/Foreign Country Israel	Country of Citizens Israel	hip
Post Office Address	Post Office Address 14 Hamel Street	City Ramat Hasharon	State/Country Israel	Zip Code
Pull Name of Inventor 4	Last Name BASSAN	First Name MERAV	Middle Name or In	itial
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizen	ship
Post Office Address	Post Office Address 15A Ziporen Street	City Givat Poleg, Natania	State/Country Israel	Zip Code
Full Name of Inventor 5	Last Name ZAMOSTIANO	First Name RACHEL	Middle Name or la	nitial
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizen Israel	ship
Post Office Address	Post Office Address 17 Yeshuron Street	City Hod Hasharon	State/Country Israel	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Date	Catherine Y. Spong Date	Illana Gozes Date

Signature of Inventor 4	Signature of Inventor 5
	11/260125 /
Merav Bassan Datc	Rachel Zamostiano Date 9/2/04

SF 1258047 v1



DECLARATION AND POWER OF ATTORNEY

CHARLES DOCKET NO. 015280-3771000/S DIHHS Ref No. E-286-98/4

RECEIVED

JUN 1 3 2007

a below named inventor, I declare that: OFFICE OF PETITIONS My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PREVENTION OF FETAL ALCOHOL. S NDROME AND NEURONAL CELL DEATH WITH ADNF POLYPERFIDES, the specification of which was filed in the PCT on 10 March 2000 as PCT International Application No. PCT/US00/06364, and which corresponding U.S. national phase application is filed herewith. I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, to acknowledge the duty to disclose information which is material to the examination of the examina plications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. frior Foreign Application(s) Priority Claimed ate of Filing Application No. Under 35 USC 119: Country No 🗆 Yes 🔲 No 🖸 Yes [] hereby claim the benefit under Title 35, United States Code § 119(c) of any United States provisional application(s) listed below: Filing Date Application No. claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insufar as the subject matter of each of the cluims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the pilor application and the national or PCT international filing date of this application: Status Date of Filing Application No. Abandoned □ Pending Patented 12 March 1999 09/267,511 Abandoned Pending Patented Abandoned Pending Pulented

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Fealth and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Robert Benson, Reg. No. 33,612 Steven M. Ferguson, Reg. No. 38,448 James C. Haight, Reg. No. 25,588 John P. Kim, Reg. No. 38,514 Susan S. Rucker, Reg. No. 35,762 David R. Sadowski, Reg. No. 32,808 Jack Spiegel, Reg. No. 34,477

end Correspondence to Appointed Associate Attorney or Agent ddress:

Direct Telephone Calls and Facsimiles to Appointed Associate Attorney or Agent:

nnette S. Parent

OWNSEND and TOWNSEND and CREW LLP

Wo Embarcadero Center, 8th Floor San Francisco, CA 94111-3834

Name: Annette S. Parent Reg. No.: 42,058 Tele hone: 415/576-0200 Fax: 415/576-0300

	•				-
Full Name of Inventor 1	Lust Name BRENNEMAN	First Name		Middle Name or Initi	
Residence &	City Damascus	State/Forcign C Maryland	ountry MD	Country of Citizensh United States	
Post Office	Post Office Address 10601 Santa Anita Terrace	City Damascus		State/Country Maryland	Zip Codc 20872
Full Name of Inventor 2	Last Name SFONG	First Name CATHERINE		Middle Name or Init	
Residence & Citizenship	City Arlington	State/Porcign C	ountry	Country of Citizens United States	
Post Office Address	Post Office Address 3857 North Rixey Street	City Arlington		State/Country Virginia	Zip Code 22207
Full Name of Inventor 3	Last Name GUZES	First Name ILLANA		Middle Name or In	itial
Residence & Citizenship	City Ramat Hasharon	State/Foreign	ountry	Country of Citizens	
Post Office Address	Post Office Address 14 Hamel Street	City Ramat Hashi	ron (State/Country Israel	Zip:Code
Full Name of Inventor 4	Last Name BASSAN	Pirst Name MERAV		Middle Name or b	nitial :
Residence & Citizenship	City Hod Hasharon	State/Foreign Israel	Country	Country of Citizen	
Post Office Address	Post Office Address 15A Ziporen Street	City Givat Poleg,	Hatonia	State/Country Israel	Zip Code
Full Name of Inventor 5	Last Name ZAMOSTIANO	First Name RACHEL		Middle Name or	(nitial
Residence & Citizenship	City Hod Hasharon	State/Forcign	Country	Country of Citize	
Post Office Address	Post Office Address 17 Yeshuron Street	City Hod Hashar	on	State/Country Israel	Zip Code

OPPEARE OPPEAR

Attorney Docket No. 015280-377100US

DHHS Ref No. E-286-98/4

I further declare that all statements made herein of my own knowledge are tric and that all statements made on information and belief are be leved to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jee pardize the validity of the application or any patent issuing thereon.

ignature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brennenium Date 08/09/01	Catherine Y. Spong Datc	Illana Gozes Date
Signature of Inventor 4	Signature of Inventor 5	
Meray Basson Date	Rochel Zamostiano	

SF 1251798 v1



ressa cousur THE THE Attorney Docket No. 015280-377100US

DIHS Ref No. E-286-98/4

DECLARATION AND POWER OF ATTORNEY

a below named inventor, I declare that; My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PREVENTION OF FETAL ALCOHOL. S NDROME AND NEURONAL CELL DEATH WITH ADNF POLYPERTIDES, the specification of which was filed in the PCT on 10 March 2000 as PCT International Application No. PCT/US00/06364, and which confesponding U.S. national phase application is filed herewith. I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, nde of Federal Regulations, Section 1.56. I claim forcign priority benefits under little 35, United States Code, Section 119 of any foreign plications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. frior Foreign Application(s) Priority Claimed ate of Filing Application No. Under 35 USC 119: Country No 🗔 Yes 🗍 No □ Yes 🔲 hereby claim the benefit under Title 35, United States Code § 119(c) of any United States provisional application(s) listed below: Filing Date Application No. claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insufar as the subject natter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the pilor application and the national or PCT international filing date of this ipplication: Sialus Date of Piling Application No. Abandoned M Pending Patented 12 March 1999 09/267,511 Abandoned | Pending Patented Abandoned Pending Patented POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Fealth and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

> Robert Benson, Reg. No. 33,612 Steven M. Ferguson, Reg. No. 38,448 James C. Hulght, Reg. No. 25,588 John P. Kim, Reg. No. 38,514

Susan S. Rucker, Reg. No. 35,762 David R. Sadowski, Reg. No. 32,808 Jack Spiegel, Reg. No. 34,477

isees ounzoe

Attorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4

end Correspondence to Appointed Associate Attorney or Agent ddrcss:

Direct Telephone Calls and Facsimiles to Appointed Associate

Attorney or Agent:

nnette S. Parent TOWNSEND and TOWNSEND and CREW LLP wo Embarcadero Ceuter, 8th Floor San Francisco, CA 94111-3834

Name: Annette S. Parent

Reg. No.: 42,058 Telephone: 415/576-0200

Fax: 415/576-0300

• •	:1			
	First Name		Middle Name or Initia	al :
Sharp statement with the statement party	State/Forcign Co	untry	Country of Citizensh United States	p
Damascus Post Office Address	City		State/Country Maryland	Zip Codc 20872
10601 Santa Anita Terrace			Middle Name or Init	ial
SEONC	CATHERINE	oumltV	Country of Citizens	hip :
City Artington	Virginia	VA-		Zip Code
Post Office Address 3857 North Rixey Street	City Arlington		Virginia	22207
Last Name GOVES	First Name ILLANA			<u>-</u>
City		ountry	Country of Citizen	
Post Office Address	City	ron	State/Country Israel	Zip:Code
Last Name	Pirst Name		Middle Name of L	nitial
City	State/Foreign	Country	Country of Citizen	nship
11od Hasharon Post Office Address	City	Votania	State/Country Israel	Zip Code
15A Zaporen Street	Givat Polegi First Name	THE THE PARTY OF T	Middle Name or	[nitial
ZAMOSTIANO	RACHEL	Country	Country of Citiz	enship
City Hod Hasharon	Israel Lsrael		Israel	Zip Code
Post Office Address 17 Yeshurou Street	City Hod Hasha		Israel	
	Post Office Address 10601 Santa Anita Terrace Last Name SPONG City Arlington Post Office Address 3857 North Rixey Street Last Name GOZES City Ramat Hasharon Post Office Address 14 Hamel Street Last Name BASSAN City Hod Hasharon Post Office Address 15A Ziporen Street Last Name ZAMOSTIANO City Hod Hasharon Post Office Address	Last Name Post Office Address 10601 Santa Anita Terrace Last Name SPONG City Arlington Post Office Address 3857 North Rixey Street Last Name GOZES City Ramat Hasharon Post Office Address 14 Hamel Street Last Name BASSAN City Ilod Hasharon Post Office Address 15A Ziporen Street City Ilod Hasharon Post Office Address State/Foreign Israel City Ramat Hasharon Pirst Name MERAY City State/Foreign Israel City City City City City City City Cit	Last Name GOZES City Ramat Hasharon Post Office Address 1661 Santa Anita Terrace Last Name GOZES City Ramat Hasharon City Rost Office Address 1685 Name BASSAN City Last Name BASSAN City State/Foreign Country Last Name City Ramat Hasharon Post Office Address City Ramat Hasharon City Ramat Hasharon Pirst Name BASSAN City Ramat Hasharon First Name Ramat Hasharon First Name City Ramat Hasharon First Name Reray State/Foreign Country Lisrael Last Name City List Name CamoSTIANO City List Name CamoSTIANO City List Poleg, Natania First Name CamoCTity List Poleg, Country Lisrael City List Porcing Country Lisrael City List Porcing Country Lisrael City City City City City City City Cit	Last Name GOZES City City Arlington Cast Name GOZES City City City Country of Citizenshi City Country of Citizenshi City Country Co

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
	CUBRY	
Douglas E. Brenneman Date	Catherine Y. Spong Date 09/11/01	Illana Gazes Date
Signature of Inventor 4	Signature of Inventor 5	
Meray Bassaa	Rachel Zamostiano	

SF 1251798 v1



DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES, the specification of which was filed in the PCT on 10 March 2000 as PCT International Application No. PCT/US00/06364, and which corresponding U.S. national phase application is filed herewith.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37. Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No 🗆

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date	

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
09/267,511	12 March 1999	☐ Patented ☐ Pending ☐ Abandoned
		Patented Pending Abandoned
	·	Patented Pending Abandoned

Full Name of Inventor 1	Last Name BRENNEMAN	First Name DOUGLAS	Middle Name or Init	ial
Residence & Citizenship	City Damascus	State/Foreign Country Maryland	Country of Citizensh United States	nip
Post Office Address	Post Office Address 10601 Santa Anita Terrace	City Damascus	State/Country Maryland	Zip Code 20872
Full Name of Inventor 2	Last Name SPONG	First Name CATHERINE	Middle Name or Ini	tial
Residence & Citizenship	City Arlington	State/Foreign Country Virginia	Country of Citizens United States	hip
Post Office Address	Post Office Address 3857 North Rixey Street	City Arlington	State/Country Virginia	Zip Code 22207
Full Name of Inventor 3	Last Name GOZES	First Name ILLANA	Middle Name or In	itial
Residence & Citizenship	City Ramat Hasharon	State/Foreign Country Israel	Country of Citizens Israel	hip
Post Office Address	Post Office Address 14 Hamel Street	City Ramat Hasharon	State/Country Israel	Zip Code
Pull Name of Inventor 4	Last Name BASSAN	First Name MERAV	Middle Name or In	itial
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel / //	Country of Citizens Israel	ship
Post Office Address	Post Office Address 15A Ziporen Street	City Givat Poleg, Natania	State/Country Israel	Zip Code
Full Name of Inventor 5	Last Name ZAMOSTIANO	First Name RACHEL	Middle Name or In	ittal
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizen Israel	ship
Post Office Address	Post Office Address 17 Yeshuron Street	City Hod Hasharon	State/Country Israel	Zip Code

400

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are pumishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Date	Catherine Y. Spong Date	Illana Gozes Date . 8/23/0/

Signature of Inventor 4	Signature of Inventor 5
Russiam Mercal	
Merav Bassan Date 08/28/01	Rachel Zamostiano Date

SF 1258047 v1

Commissioner for Patients United States Patient and Fraceoy

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

09/936.888

Townsend & Townsend & Crew

Two Embarcadero Center, 8th Floor

Douglas Brenneman

015280-377100US

INTERNATIONAL APPLICATION NO.

PCT/US00/06364

I.A. FILING DATE

PRIORITY DATE

03/10/2000

03/12/1999

CONFIRMATION NO. 2917

371 FORMALITIES LETTER

OC000000008546064

Date Mailed: 08/02/2002

San Francisco, CA 94111

Annette S. Parent

Response Due

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Priority Document
- · Copy of IPE Report
- · Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Request for Immediate Examination

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - It's not sufficient to supply only the signature page of declaration

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

PAULETTE R KIDWELL

Telephone: (703) 305-3656

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/936,888	PCT/US00/06364	015280-377100US

FORM PCT/DO/EO/916 (371 Formalities Notice)



United States Patent and Trademark Office

COMMISSIONER FOR PATENTS

UNITED STATES PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 20231

www.uspto.gov

APPLICATION NUMBER

FILING DATE

FIRST NAMED APPLICANT

ATTY. DOCKET NO./FITLE

09/936,888

Douglas Brenneman

015280-377100US

CONFIRMATION NO. 2917

Annette S. Parent Townsend & Townsend & Crew Two Embarcadero Center, 8th Floor Տգր Francisco, CA 94111

NOTICE

WITHDRAWAL OF ABANDONMENT

Date Mailed: 08/02/2002



WITHDRAWAL OF PREVIOUSLY SENT NOTICE

It has come to the attention of the Office that the Notice mailed on 06/10/2002 was sent in error. Please disregard that Notice. The application is complete and will be processed for examination. The Official Filing Receipt is enclosed. We apologize for any inconvenience this has caused.

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

EXHIBIT H



UNITED STATES PATENT AND TRADEMARK OFFICE

Conversioner for Pateras, Box PCT United States Patent and Trademark Office Washington, E.C., 2023

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY, DOCKET NO.

09/936,888

Douglas E Brenneman

015280-377100US

INTERNATIONAL APPLICATION NO.

PCT/US00/06364

Annette S Parent Townsend & Townsend & Crew Two Embarcadero Center 8th Floor San Francisco, CA 94111-3834

I.A. FILING DATE

PRIORITY DATE

03/10/2000

03/12/1999

CONFIRMATION NO. 2917 371 ACCEPTANCE LETTER

OC000000008836782

Date Mailed: 09/24/2002

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.494 OR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as an Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

09/03/2002

DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS

09/03/2002

DATE OF RECEIPT OF ALL 35 U.S.C. REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. THE DATE APPEARING ON THE FILING RECEIPT AS THE "FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE. The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit

The following items have been received:

- U.S. Basic National Fee
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Request for Immediate Examination

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

PAULETTE R KIDWELL Telephone: (703) 305-3656

PART 3 - OFFICE COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

EXHIBIT I



APPLICATION NUMBER FILING DATE **GRP ART UNIT** FIL FEE REC'D ATTY.DOCKET.NO **DRAWINGS** TOT CLAIMS IND CLAIMS 015280-09/936.888 09/03/2002 1646 1054 33 3 377100US

Annette S Parent Townsend & Townsend & Crew Two Embarcadero Center 8th Floor San Francisco, CA 94111-3834

CONFIRMATION NO. 2917 FILING RECEIPT

OC000000008836781

Date Mailed: 09/24/2002

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Douglas E Brenneman, Damascus, MD: Catherine Y Spong, Arlington, VA; Illana Gozes, Ramat Hasharon, ISRAEL: Meray Bassan, Hod Hasharon, ISRAEL: Rachel Zamostiano, Hod Hasharon, ISRAEL;

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US00/06364 03/10/2000

Foreign Applications

UNITED STATES OF AMERICA 267511 03/12/1999

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

Prevention of fetal alcohol syndrome and neuronal cell death with adnf polypeptides

514

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

DECLARATION AND POWER OF ATTORNEY

v residence, post o pject matter which NDROME AND 100 as PCT Internal avec reviewed and	NEURONAL CELL ional Application No	zenship are as stated be for which a patent is DEATH WITH ADNF D. PCT/US00/06364, and the state of the above identification information which	POLYPER which co ied specifi is materi	espo etion to	onding U.S. nation in including the clared the examination o	aims, as a	application in the control of the co	by any or accorde	herewith mendment with	t referred Title 37,
plications(s) for p ratificate having a f	iling date before that	56. I claim forcign pri crificate listed below a of the application on wh	ind have a nich priorit	is c	laimed.	.,			· · · · · · · · · · · · · · · · · · ·	
rior Foreign Appl Country	ication(k)	Application No.		Date	of Filing			Claimed 5 USC 1	19:	
							Yes [_
hereby claim the t	enclit under Title 35	, United States Code § 1	19(c) of ar			ional քրր	lication(s)) listed be	ilow:	
Boundary of each of the	ic cuitms of any abbi	ted States Code, Section icution is not disclosed in 112, I acknowledge to between the filing de		H			e delined	i en Tille	31. COO	OIICUCA
Application No.		Date of Filing					Status			
09/267,511		12 March 1999			Patented		nding nding	Aba	ndoned ndoned	
					Patented Patented		nding	Aba		
		- I have	uppoint th	- I	owing attorney(s)			the Gov	emmont (of the Unite

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Fealth and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Robert Benson, Reg. No. 33,612 Steven M. Ferguson, Reg. No. 38,448 James C. Huight, Reg. No. 25,588 John P. Kim, Reg. No. 38,514 Susan S. Rucker, Reg. No. 35,762 David R. Sadowski, Rcg. No. 32,808 Jack Spiegel, Reg. No. 34,477 Send Correspondence to Appointed Associate Attorney or Agent ddrcss:

Direct Telephone Calls and Facsimiles to Appointed Associate

Attorney or Agent:

Annette S. Parent

Name: Annette S. Parent

TOWNSEND and TOWNSEND and CREW LLP wo Embarcadero Center, 8th Floor

Reg. No.: 42,058 Teleshone: 415/576-0200 Fax: 415/576-0300

San Francisco, CA 94111-3834

	: #			•
Lust Name	First Name DOUGLAS		R.	
City	State/Foreign C	ountry	Country of Citizensh United States	,
Post Office Address	City Damescus		State/Country Maryland	Zip Codc 20872
Last Name	First Name CATHERINE		Middle Name or Init Y.	ial
City	State/Forcign C	ountry	Country of Citizens United States	nip ,
Post Office Address	City Arlington		State/Country Virginia	Zip Code 22207
Last Name	First Name ILLANA		Middle Name or In	itial
City	State/Foreign	ountry	Country of Citizens Israel	ship :
Post Office Address	City Ramat Hushi	ron	State/Country Israel	Zip Code
Last Name	Pirst Name MERAV		Middle Name or In	nitial
City	State/Foreign Israel	Country	Country of Citizen	
Post Office Address	City Givat Poleg,	Natania	State/Country Israel	Zip Code
Lust Name	First Name RACHEL			
City	State/Forcign	Country	Country of Citize	
		H	State/Country	Zip Code
	BRENNEMAN City Damascus Post Office Address 10601 Santa Anita Terrace Last Name SPONG City Arlington Post Office Address 3857 North Rixey Street Last Name GOZES City Ramat Hasharon Post Office Address 14 Hamel Street Last Name BASSAN City Ilod Hasharon Post Office Address 15A Ziporen Street Last Name ZAMOSTIANO	Last Name SPONG City Damascus Post Office Address 10601 Santa Anita Terrace Last Name SPONG City Arlington Post Office Address 3857 North Rixey Street Cast Name GOZES City Ramat Hasharon Post Office Address 14 Hamel Street Last Name BASSAN City Itod Hasharon Post Office Address 15A Ziporen Street Last Name City Itod Hasharon Post Office Address Terrace City Ramat Hasharon City Ramat Hasharon Pirst Name MERAV City Itod Hasharon Post Office Address Terrace City Ramat Hasharon First Name MERAV City State/Foreign Israel First Name MERAV State/Foreign First Name RACHEL City State/Foreign First Name RACHEL City State/Foreign First Name RACHEL	Last Name GOZES City Ramat Hasharon Post Office Address 14 Hamel Street Last Name BASSAN City Rot Office Address 15 A Ziporen Street Last Name Post Office Address City Ramat Hasharon City Country City Country Country	Last Name GOZES City Ramat Hasharon Post Office Address 15A Zaporen Street Last Name GOZES City Ramat Post Office Address 15A Zaporen Street Last Name City Ramat Post Office Address 15A Zaporen Street Last Name City Ramat Post Office Address 15A Zaporen Street Last Name City Ramat Post Office Address City Ramat Hasharon City City City City City City City Cit

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are be leved to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are be leved to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may punishable by fine or imprisonment.

ignature of Inventor 1	Signature of Inventor 2		Signature of Inventor 3	
Douglas E. Brennenian Date 08/09/01	Catherine Y. Spong Date	.SU I	Illana Gozes Date	
 Signature of Inventor 4	Signature of Inventor 5			

Meray Bassan Rachel Zamostiano
Date Date

F 1251798 v1

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES, the specification of which was filed in the PCT on 10 March 2000 as PCT International Application No. PCT/US00/06364, and which corresponding U.S. national phase application is filed herewith.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37. Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign	Application(s)
---------------	----------------

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
·			Yes No 🗆
			Yes No No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date	<u>'</u>

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing		Status		
09/267,511	12 March 1999	☐ Patented ⊠ P	ending	☐ Abandoned	
		Patented P	canding	☐ Abandoned	
		Patented P	ending	☐ Abandoned	

Full Name of Inventor I	Last Name BRENNEMAN	First Name DOUGLAS	Middle Name or Initial E.	
Residence & Citizenship	City Damascus	State/Foreign Country Maryland	Country of Citizenship United States	
Post Office Address	Post Office Address 10601 Santa Anita Terrace	City Damascus	State/Country Zip Code Maryland 20872	
Pull Name of Inventor 2	Last Name SPONG	First Name CATHERINE	Middle Name or Ini Y.	tial
Residence & Citizenship	City Arlington	State/Foreign Country Virginia	Country of Citizens United States	hip
Post Office Address	Post Office Address 3857 North Rixey Street	City Arlington	State/Country Virginia	Zip Code 22207
Full Name of Inventor 3	Last Name GOZES	First Name ILLANA	Middle Name or Initial	
Residence & Citizenship	City Ramat Hasharon	State/Foreign Country Israel	Country of Citizenship Israel	
Post Office Address	Post Office Address 14 Hamel Street	City Ramat Hasharon	State/Country Israel	Zip Code
Full Name of Inventor 4	Last Name BASSAN	First Name MERAV	Middle Name or In	itial
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizenship Israel	
Post Office Address	Post Office Address 15A Ziporen Street	City Givat Poleg, Natania	State/Country Israel	Zip Code
Full Name of Inventor 5	Last Name ZAMOSTIANO	First Name RACHEL	Middle Name or Initial	
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizen	ship
Post Office Address	Post Office Address 17 Yeshurou Street	City Hod Hasharon	State/Country Zip Code	

TOWNSEND&TOWNSEND&CREW

Attorney Docket No. 015280-377100US DHHS Ref No. E-286-98/4

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Date	Catherine Y. Spong Date	Illana Gozes Date Date Da

Signature of Inventor 4	Signature of Inventor 5
	11/260125 /
Merav Bassan Datc	Rachel Zamostiano Date 9/2/04

SF 1258047 v1

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: PREVENTION OF FETAL ALCOHOL SYNDROME AND NEURONAL CELL DEATH WITH ADNF POLYPEPTIDES, the specification of which was filed in the PCT on 10 March 2000 as PCT International Application No. PCT/US00/06364, and which corresponding U.S. national phase application is filed herewith.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37. Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior	Foreign	Applica	tion(s)
-------	---------	---------	---------

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No 🗆
			Yes No 🗌

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date	

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
09/267,511	12 March 1999	☐ Patented ☐ Pending ☐ Abandoned
		Patented Pending Abandoned
		Patented Pending Abandoned

Full Name of Inventor I	Last Name BRENNEMAN	First Name DOUGLAS	Middle Name or Initial E.		
Residence & Citizenship	City Damascus	State/Foreign Country Maryland	Country of Citizenship United States		
Post Office Address	Post Office Address 10601 Santa Anita Terrace	City Damascus	State/Country Zip Code Maryland 20872		
Full Name of Inventor 2	Last Name SPONG	First Name CATHERINE	Middle Name or Init	ial 	
Residence & Citizenship	City Arlington	State/Foreign Country Virginia	Country of Citizenship United States		
Post Office Address	Post Office Address 3857 North Rixey Street	City Arlington	State/Country Virginia	Zip Code 22207	
Full Name of Inventor 3	Last Name GOZES	First Name ILLANA	Middle Name or Initial		
Residence & Citizenship	City Ramat Hasharon	State/Foreign Country Israel	Country of Citizenship Israel		
Post Office Address	Post Office Address 14 Hamel Street	City Ramat Hasharon	State/Country Israel	Zip Code	
Full Name of Inventor 4	Last Name BASSAN	First Name MERAV	Middle Name or In	itial	
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizens Israel	hip	
Post Office Address	Post Office Address 15A Ziporen Street	City Givat Poleg, Natania	State/Country Israel	Zip Code	
Full Name of Inventor 5	Last Name ZAMOSTIANO	First Name RACHEL	Middle Name or Initial		
Residence & Citizenship	City Hod Hasharon	State/Foreign Country Israel	Country of Citizen Israel		
Post Office Address	Post Office Address 17 Yeshuron Street	City flod Hasharon	State/Country Israel	Zip Code	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Douglas E. Brenneman Date	Catherine Y. Spong Date	Illana Gozes 8/23/01

Signature of Inventor 4	Signature of Inventor 5
Russiam Herral	
Merav Bassan Date 08/28/01	Rachel Zamostiano Date

SF 1258047 v1

DECLARATION AND POWER OF ATTORNEY

nject matter which NDROME AND NI 00 as PCT Internationave reviewed and unabove. I acknowled ade of Federal Regulptications(s) for patentificate having a filing	is claimed and citize is claimed and for URONAL CELL Dual Application No. derstand the content ge the duty to disclations. Section 1.56 and or inventor's cert ing date before that o	enship are as stated below which a patent is sough FATH WITH ADNF POLYCELLONG POT COLUMN COLU	YPER ich compecification with the compecificat	esp ation to	es, the specification onding U.S. national including the claim the examination of the control of	phase and as are his appli	pplication in the cation is	n is filed by any or accords	herewith mendmen ince with	t referred Title 37,
rior Foreign Application		Application No.		ate	of Filing		Priority (Under 3:	Claimed S USC 11	19:	
				-			Yes 🗌	No		
							Yes 🗌	No	<u> </u>	
	Application No.		Filin	Da	de					•
well are set each of mic.	CRITILIZ OT ATIP ANDAIN	d States Code, Section 12/ stion is not disclosed in the 112, 1 acknowledge the d d between the filing date o		и		ation as ational o	dclinea or PCT i	m inc	31. WW	, 0,
Application No.		Date of Piling		Ц		· · · · ·	ટ્યાય			
09/267,511		12 March 1999				Pend		Aba	ndoned	·
		-			Patented Pulented	Pend			ndoned	
POWER OF ATT	ORNEY: As a nan	ned inventor, I hereby app Socretary of the Departme in the Patent and Tradema	oint th	fol	lowing attorney(s) ar	4/		the Gov hnology	ernment Transfer	of the Unit , to prosecu

Robert Benson, Reg. No. 33,612 Steven M. Ferguson, Reg. No. 38,448 James C. Haight, Reg. No. 25,588 John P. Kim, Reg. No. 38,514 Susan S. Rucker, Reg. No. 35,762 David R. Sadowski, Reg. No. 32,808 Jack Spiegel, Reg. No. 34,477 Send Correspondence to Appointed Associate Attorney or Agent qqucas:

Direct Telephone Calls and Facsimiles to Appointed Associate Attorney or Agent:

Innette S. Parent TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Ceuter, 8th Floor San Francisco, CA 94111-3834

Name: Annette S. Parent Reg. No.: 42,058 Telephone: 415/576-0200

Fax: 415/576-0300

	•	:1				
ull Name	Lust Name BRENNEMAN	First Name DOUGLAS	·	Middle Name or Initial		
of Inventor 1 Residence &	City	State/Foreign C Maryland	untry	Country of Citizenship United States		
Citizenship Post Office	Post Office Address	City Damascus		State/Country Maryland	Zip Codc 20872	
Address Full Name	10601 Santa Anita Terrace Last Name	First Name CATHERINE		Middle Name or Initial Y.		
of Inventor 2 Residence &	City	State/Forcign C	ountry	Country of Cilizensh United States	nip	
Citizenship Post Office	Post Office Address 3857 North Rixey Street	City Arlington		State/Country Virginia	Zip Code 22207	
Address Full Name	Last Name GUZES	First Name		Middle Name or Initial		
of Inventor 3 Residence &	City Ramat Hasharon	State/Foreign	ountry	Country of Citizenship Israel		
Citizenship Post Office	Post Office Address 14 Hamel Street	City Ramat Hushi	ron	State/Country Israel	Zip:Code	
Address Full Name of Inventor 4	Last Name BASSAN	Pirst Name MERAV		Middle Name or In	:	
Residence &	City Hod Hasharon	State/Foreign Israel	Country	Country of Citizen Israel		
Citizenship Post Office	Post Office Address 15A Ziparen Street	City Givat Poleg	Vatania	State/Country Israel	Zip Code	
Address Full Name of Inventor 5	Lust Name ZAMOSTIANO	First Name RACHEL		Middle Name or I	<u> </u>	
Residence & Citizenship	City Hod Hacharon	State/Forcign Israel	Country	Country of Citize		
II Chrenanh				State/Country	Zip Code	

ATTOTTICY Docket No. 015280-377100US DHHS Ref No. E-286-98/4

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
	C48n2	
Douglas E. Brenneman Date	Catherine Y. Spong Date 09/11/01	Illana Gazes Date

Signature of Inventor 4	Signature of Inventor 5	
Meray Bassan Date	Rachel Zamostiano Date	

SF 1251798 v1

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

□ BLACK BORDERS
□ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
□ FADED TEXT OR DRAWING
□ BLURRED OR ILLEGIBLE TEXT OR DRAWING
□ SKEWED/SLANTED IMAGES
□ COLOR OR BLACK AND WHITE PHOTOGRAPHS
□ GRAY SCALE DOCUMENTS
□ LINES OR MARKS ON ORIGINAL DOCUMENT
□ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

IMAGES ARE BEST AVAILABLE COPY.

☐ OTHER:

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.